



RADIO TEST REPORT

Applicant	:	Harman International Industries, Inc.
Address of Applicant	:	8500 Balboa Boulevard, Northridge, CA 91329, UNITED STATES
Manufacturer	:	Harman International Industries, Inc.
Address of Manufacturer	:	8500 Balboa Boulevard, Northridge, CA 91329, UNITED STATES
Equipment under Test	:	BLUETOOTH HEADSET
Model No.	:	LIVE BEAM 4
Test Standard(s)	:	EN 300 328 V2.2.2 (2019-07)
Report No.	:	DDT-RE25103101-1E02
Issue Date	:	2025/12/22
Issued By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

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Test Report Declare

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Equipment under Test	:	BLUETOOTH HEADSET
Model No.	:	LIVE BEAM 4
Manufacturer	:	Harman International Industries, Inc.
Address of Manufacturer	:	8500 Balboa Boulevard, Northridge, CA 91329, UNITED STATES




Test Standard Used:

EN 300 328 V2.2.2 (2019-07)

We Declare:

The equipment described above is tested by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	DDT-RE25103101-1E02		
Date of Receipt:	2025/11/03	Date of Test:	2025/11/03 - 2025/12/07

Created: Zoe Peng	Reviewed: Chen Ziqin	Approved: Damon Hu
		
2025/12/09	2025/12/22	2025/12/22

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Version	Revision Content	Issue Date	Approved
V0	Initial issue	2025/12/22	Damon Hu

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	RF output power	4.3.1.2 or 4.3.2.2	Apply all equipment	Pass
2	Power Spectral Density	4.3.2.3	Only for equipment using wide band modulations other than FHSS	Pass
3	Duty Cycle, Tx-Sequence, Tx-gap	4.3.1.3 or 4.3.2.4	Only for non-adaptive equipment	N/A
4	Accumulated Transmit time, Frequency Occupation & Hopping Sequence	4.3.1.4	Only for FHSS equipment	N/A
5	Hopping Frequency Separation	4.3.1.5	Only for FHSS	N/A
6	Medium Utilisation	4.3.1.6 or 4.3.2.5	Only for non-adaptive equipment	N/A
7	Adaptive	4.3.1.7 or 4.3.2.6	Only for adaptive equipment	N/A
8	Occupied Channel Bandwidth	4.3.1.8 or 4.3.2.7	Apply all equipment	Pass
9	Transmitter unwanted emissions in the OOB domain	4.3.1.9 or 4.3.2.8	Apply all equipment	Pass
10	Transmitter unwanted emissions in the spurious domain	4.3.1.10 or 4.3.2.9	Apply all equipment	Pass
11	Receiver spurious emissions	4.3.1.11 or 4.3.2.10	Apply all equipment	Pass
12	Receiver Blocking	4.3.1.12 or 4.3.2.11	Apply all equipment	Pass
13	Geo-location capability	4.3.1.13 or 4.3.2.12	Only for equipment with geo-location capability	N/A

Note: N/A is an abbreviation for Not Applicable, and means this item is not applicable for this device or no need to test according to standard.

2. General Test Information

2.1. Description of EUT

EUT Name	: BLUETOOTH HEADSET
Model Number	: LIVE BEAM 4
Difference of model number	: /
EUT Function Description	: Please reference user manual of this device
Power Supply	: CHARGING CASE: DC 5V from USB cable or Wireless charger EARBUDS: DC 5V from external charging case CHARGING CASE: DC 3.8V Lithium-ion built-in battery EARBUDS: DC 3.85V Lithium-ion built-in battery
Hardware Version	: V0.2.1
Software Version	: 25.48.16
Antenna Type	: LDS Antenna
Max Antenna Gain(dBi)	: Left: -0.65dBi, Right: -1.63dBi

Radio Specification	: Bluetooth LE
Operation Frequency	: 2402 MHz to 2480 MHz
Modulation	: GFSK

Bluetooth LE 1Mbps Channel information					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	14	2430	28	2458
1	2404	15	2432	29	2460
2	2406	16	2434	30	2462
3	2408	17	2436	31	2464
4	2410	18	2438	32	2466
5	2412	19	2440	33	2468
6	2414	20	2442	34	2470
7	2416	21	2444	35	2472
8	2418	22	2446	36	2474
9	2420	23	2448	37	2476
10	2422	24	2450	38	2478
11	2424	25	2452	39	2480
12	2426	26	2454		
13	2428	27	2456		
Bluetooth LE 2Mbps Channel information					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	14	2430	28	2458
1	2404	15	2432	29	2460

2	2406	16	2434	30	2462
3	2408	17	2436	31	2464
4	2410	18	2438	32	2466
5	2412	19	2440	33	2468
6	2414	20	2442	34	2470
7	2416	21	2444	35	2472
8	2418	22	2446	36	2474
9	2420	23	2448	37	2476
10	2422	24	2450	38	2478
11	2424	25	2452	39	2480
12	2426	26	2454	/	
13	2428	27	2456	/	
The channels denoted with the grey background are excluded, because they are primary advertising channel only for the Bluetooth LE 1Mbps according to the Bluetooth Core Specification.					

Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

“☑” means to be chosen or applicable; “☐” means don't to be chosen or not applicable; This note applies to entire report.

2.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
/	/	/	/

2.3. Block diagram of EUT configuration for test



2.4. Decision of final test mode

According pre-test, the worst test modes were reported as below:

Test software: BQB.exe

The test software was used to control EUT work in Continuous Tx mode and Rx mode, and select test channel, wireless mode as below table.

The pathloss of external cable: 0.5dB (According to the manufacturer's claims)

Tested mode, Tx Power Setting, Channel, and Frequency			
Mode	Setting Tx Power	Channel	Frequency (MHz)
GFSK_1M Tx mode	7	CH0	2402
	7	CH19	2440
	7	CH39	2480
GFSK_2M Tx mode	7	CH1	2404
	7	CH19	2440
	7	CH38	2478
GFSK_1M Rx mode	/	CH0	2402
	/	CH19	2440
	/	CH39	2480
GFSK_2M Rx mode	/	CH1	2404
	/	CH19	2440
	/	CH38	2478

2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

/	Normal Conditions	Extreme Conditions
Temperature range	15 °C to 35 °C	0 °C to +45 °C
Humidity range	20% to 75%	N/A
Pressure range	86-106 kPa	N/A
Power supply	Battery (DC 3.85V)	N/A

Note 1: The Extreme temperature range and extreme voltages are declared by the manufacturer.

Note 2: NTV: Normal Temperature Normal Voltage, LTNV: Low Temperature Normal Voltage, HTNV: High Temperature Normal Voltage.

Note: The specific temperature and humidity information of each test item refers to the temperature and humidity record in the corresponding test data.

2.7. Test laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808.

Tel.: +86-0769-38826678, <http://www.dgddt.com>, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, R-20240, G-20118

2.8. Measurement uncertainty

Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 1.38 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Frequencies Stability	6.7×10^{-8} (Antenna couple method) 5.5×10^{-8} (Conducted method)
Conducted spurious emissions	0.86 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$); 1.40 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$) 1.66 dB ($8 \text{ GHz} \leq f < 26.5 \text{ GHz}$)
Uncertainty for radio frequency (RBW < 20 kHz)	3×10^{-8}
Temperature	0.4 °C
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.70 dB (Antenna Polarize: V) 4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.10 dB (1 - 6 GHz) 4.40 dB (6 GHz - 18 GHz) 3.54 dB (18 GHz - 26 GHz) 4.30 dB (26 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.34dB (150KHz-30MHz) 3.72dB (9KHz-150KHz)

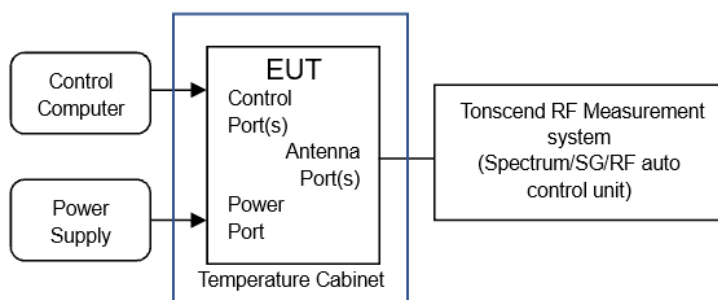
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3. Equipment Used During Conductive Test

Equipment	Manufacturer	Model No.	Serial Number	Due Date
<input checked="" type="checkbox"/> RF Connected Test (RF Measurement System 3#)				
SIGNAL ANALYZER	R&S	FSV40	101407	2026/07/06
Wideband Radio Communication Tester	R&S	CMW500	117491	2026/03/28
EXG Analog Signal Generator	KEYSIGHT	N5173B	MY62153058	2026/07/06
MXG Vector Signal Generator	Agilent	N5182A	MY48180912	2026/03/28
RF Control Unit	Tonscend	JS0806-2	20C8060230	2026/03/28
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2026/03/28
Test Software	Tonscend	JS1120-3	V3.6.21	N/A

4. RF Output Power

4.1. Block diagram of test setup



4.2. Limits

The maximum RF output power for adaptive Frequency Hopping equipment shall be equal to or less than 20 dBm.

The maximum RF output power for this equipment shall be equal to or less than the value declared by the manufacturer. This declared value shall be equal to or less than 20 dBm.

This limit shall apply for any combination of power level and intended antenna assembly.

4.3. Test procedure

- (1) The test according to EN 300 328 V2.2.2 Clause 5.4.2.2.1.
- (2) Connect EUT's antenna output to power sensor by RF cable, the path loss was compensated to the results.
- (3) For adaptive equipment, the measurement duration shall be long enough to ensure a minimum number of bursts (at least 10) is captured.
- (4) The measurement shall be repeated for the equipment being configured to operate at the lowest, the middle, and the highest frequency of the stated frequency range. These frequencies shall be recorded.
- (5) The measurements for RF output power shall be performed at both normal environmental conditions and at the extremes of the operating temperature range.

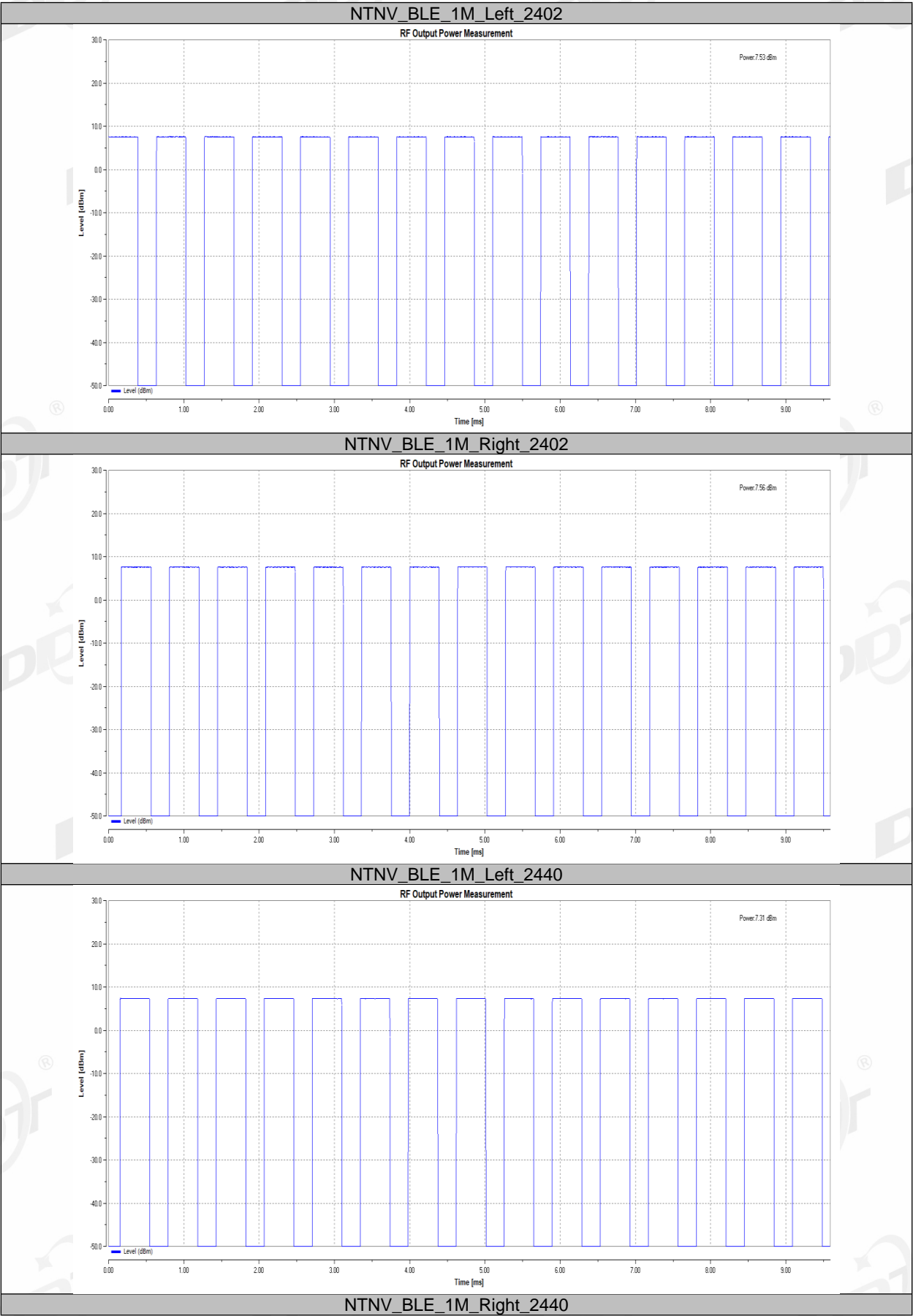
4.4. Test result

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	24.0℃,32.7%RH	Test Date:	2025.11.08
Test Power Supply:	Battery	Sample Number:	s25103101-028

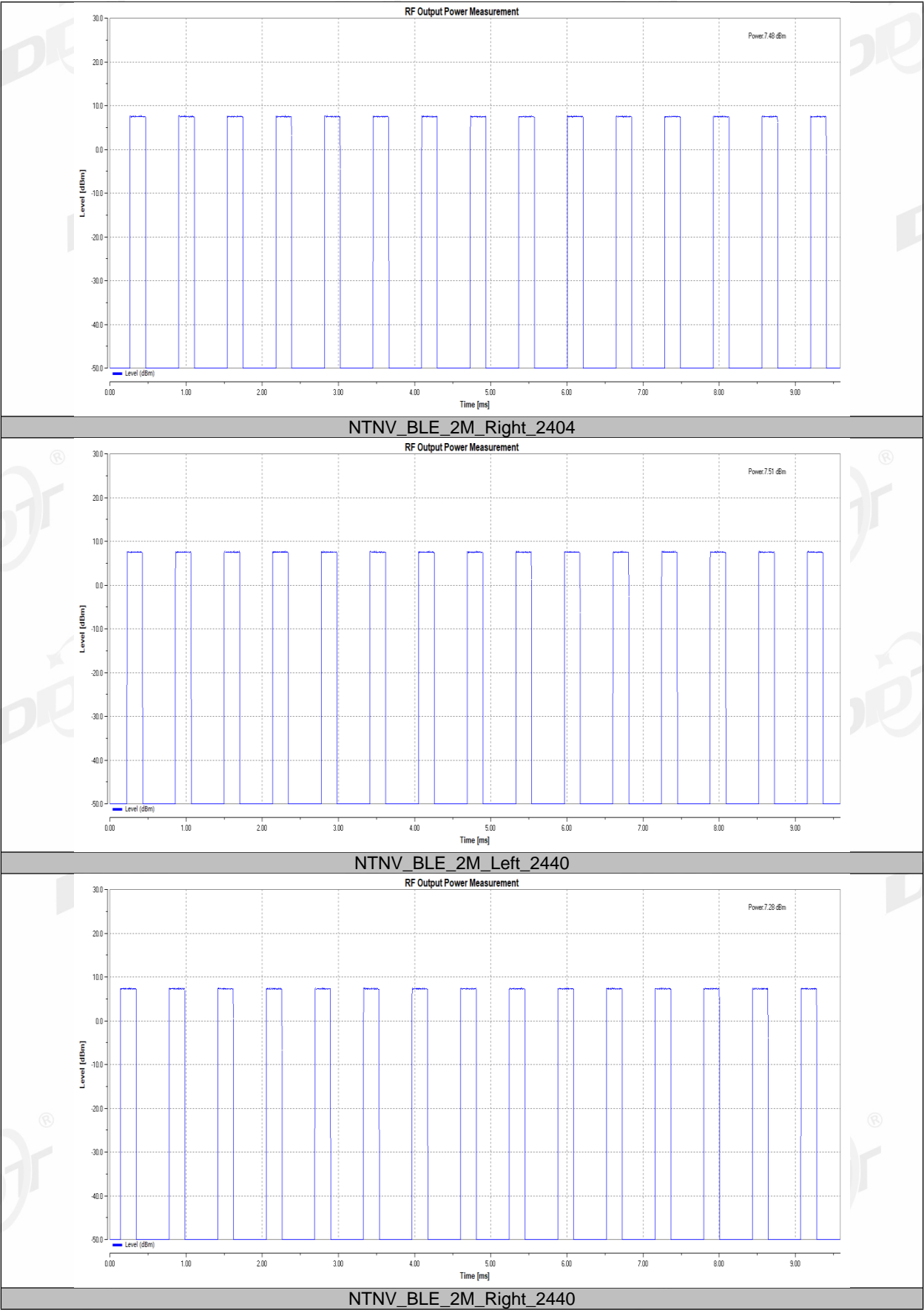
Test Condition	Test Mode	Antenna	Frequency [MHz]	Burst Power [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
NTNV	BLE_1M	Left	2402	7.53	6.88	20	PASS
		Right	2402	7.56	5.93	20	PASS
		Left	2440	7.31	6.66	20	PASS
		Right	2440	7.40	5.77	20	PASS
		Left	2480	6.66	6.01	20	PASS
		Right	2480	6.88	5.25	20	PASS
	BLE_2M	Left	2404	7.48	6.83	20	PASS
		Right	2404	7.51	5.88	20	PASS
		Left	2440	7.28	6.63	20	PASS
		Right	2440	7.37	5.74	20	PASS
		Left	2478	6.69	6.04	20	PASS
		Right	2478	6.92	5.29	20	PASS
LTVN	BLE_1M	Left	2402	7.53	6.88	20	PASS
		Right	2402	7.57	5.94	20	PASS
		Left	2440	7.32	6.67	20	PASS
		Right	2440	7.40	5.77	20	PASS
		Left	2480	6.67	6.02	20	PASS
		Right	2480	6.88	5.25	20	PASS
	BLE_2M	Left	2404	7.48	6.83	20	PASS
		Right	2404	7.51	5.88	20	PASS
		Left	2440	7.29	6.64	20	PASS
		Right	2440	7.37	5.74	20	PASS
		Left	2478	6.71	6.06	20	PASS
		Right	2478	6.91	5.28	20	PASS
HTNV	BLE_1M	Left	2402	7.53	6.88	20	PASS
		Right	2402	7.56	5.93	20	PASS
		Left	2440	7.32	6.67	20	PASS
		Right	2440	7.40	5.77	20	PASS
		Left	2480	6.66	6.01	20	PASS
		Right	2480	6.87	5.24	20	PASS
	BLE_2M	Left	2404	7.48	6.83	20	PASS
		Right	2404	7.52	5.89	20	PASS
		Left	2440	7.29	6.64	20	PASS
		Right	2440	7.37	5.74	20	PASS
		Left	2478	6.70	6.05	20	PASS
		Right	2478	6.91	5.28	20	PASS

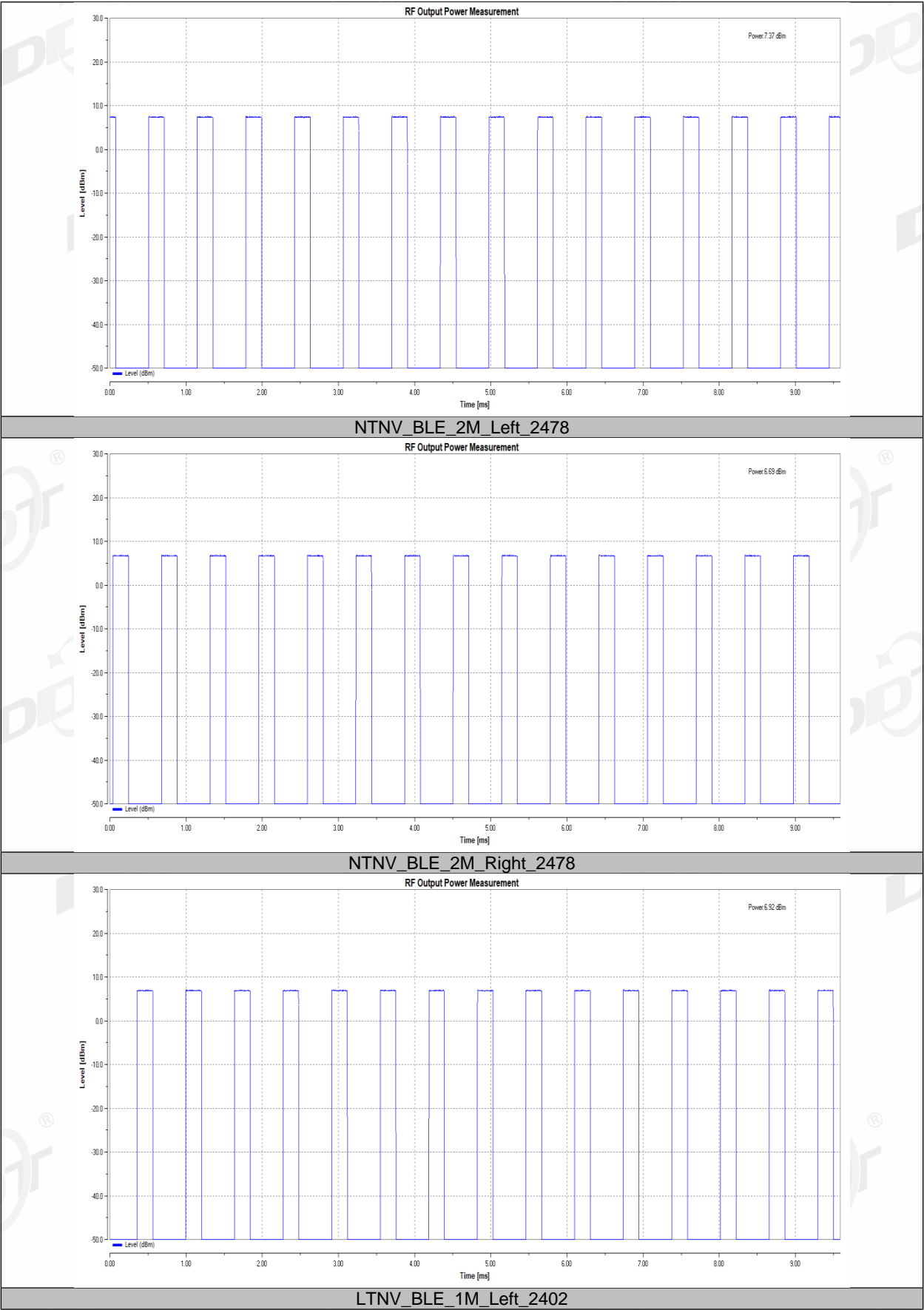
Note: EIRP = Measured Highest Pburst Values + Antenna Gain

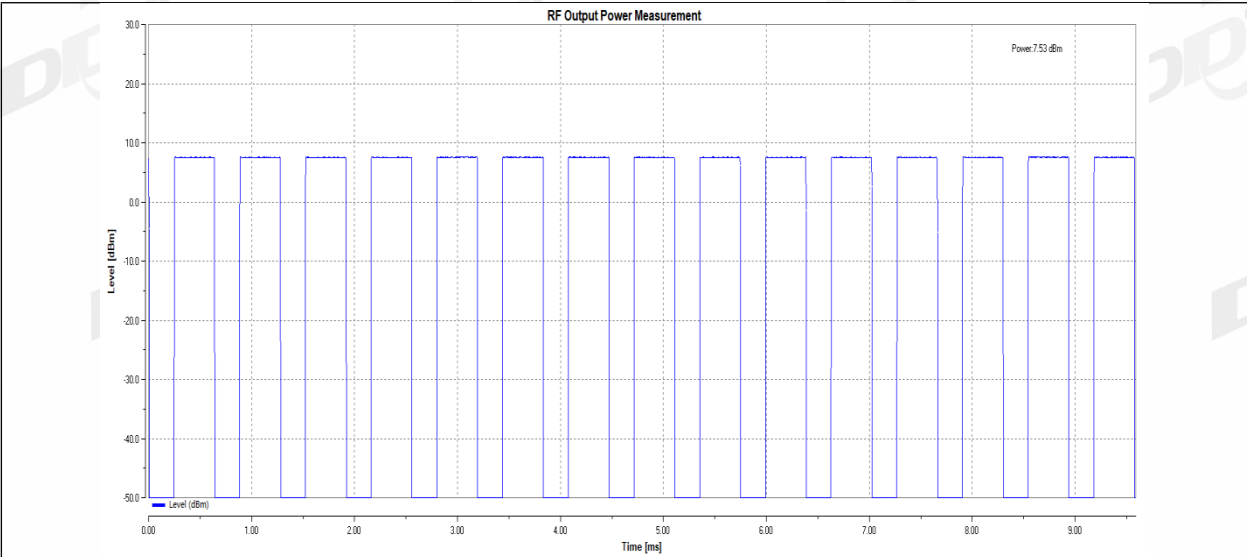
4.5. Test graphs



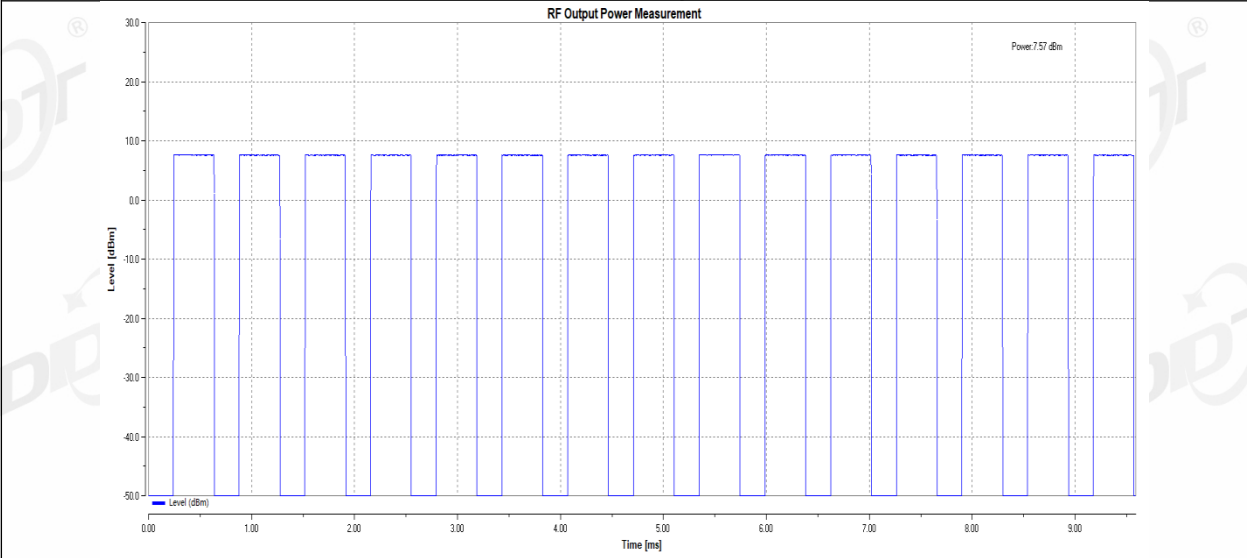




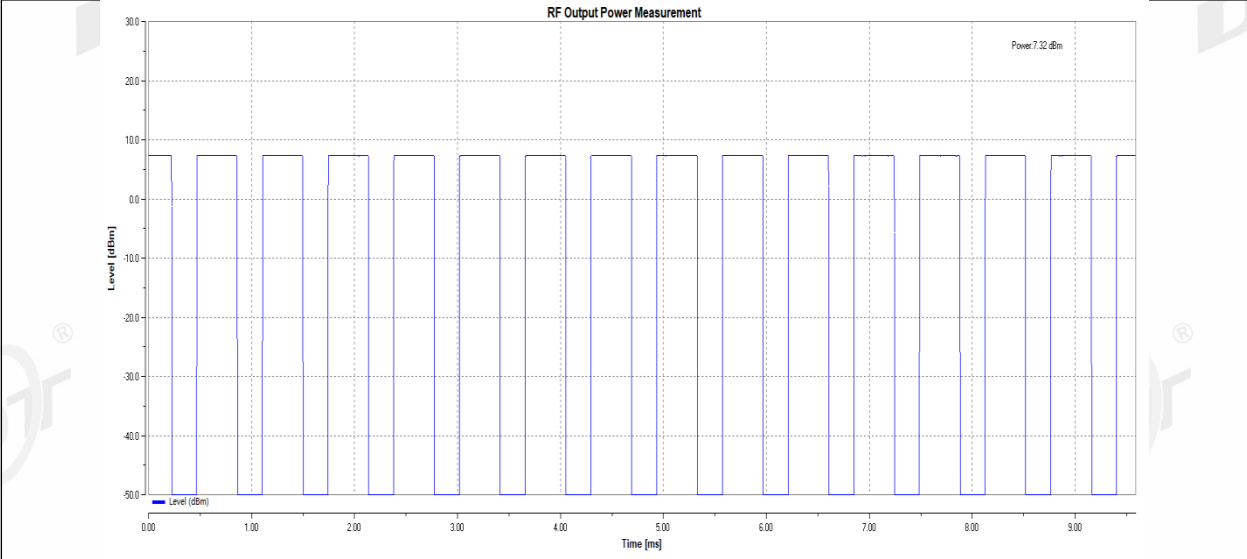




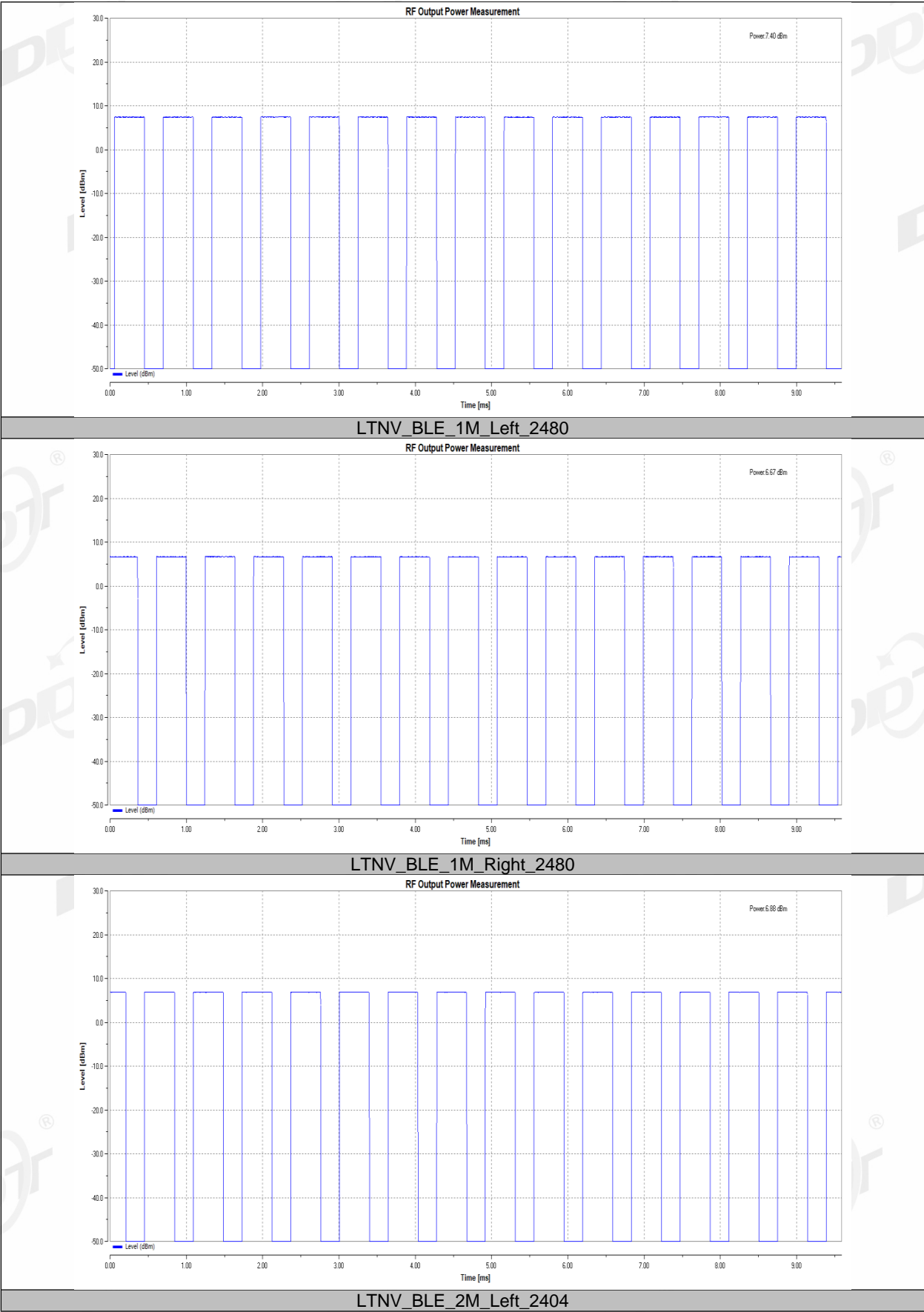
LTNV_BLE_1M_Right_2402

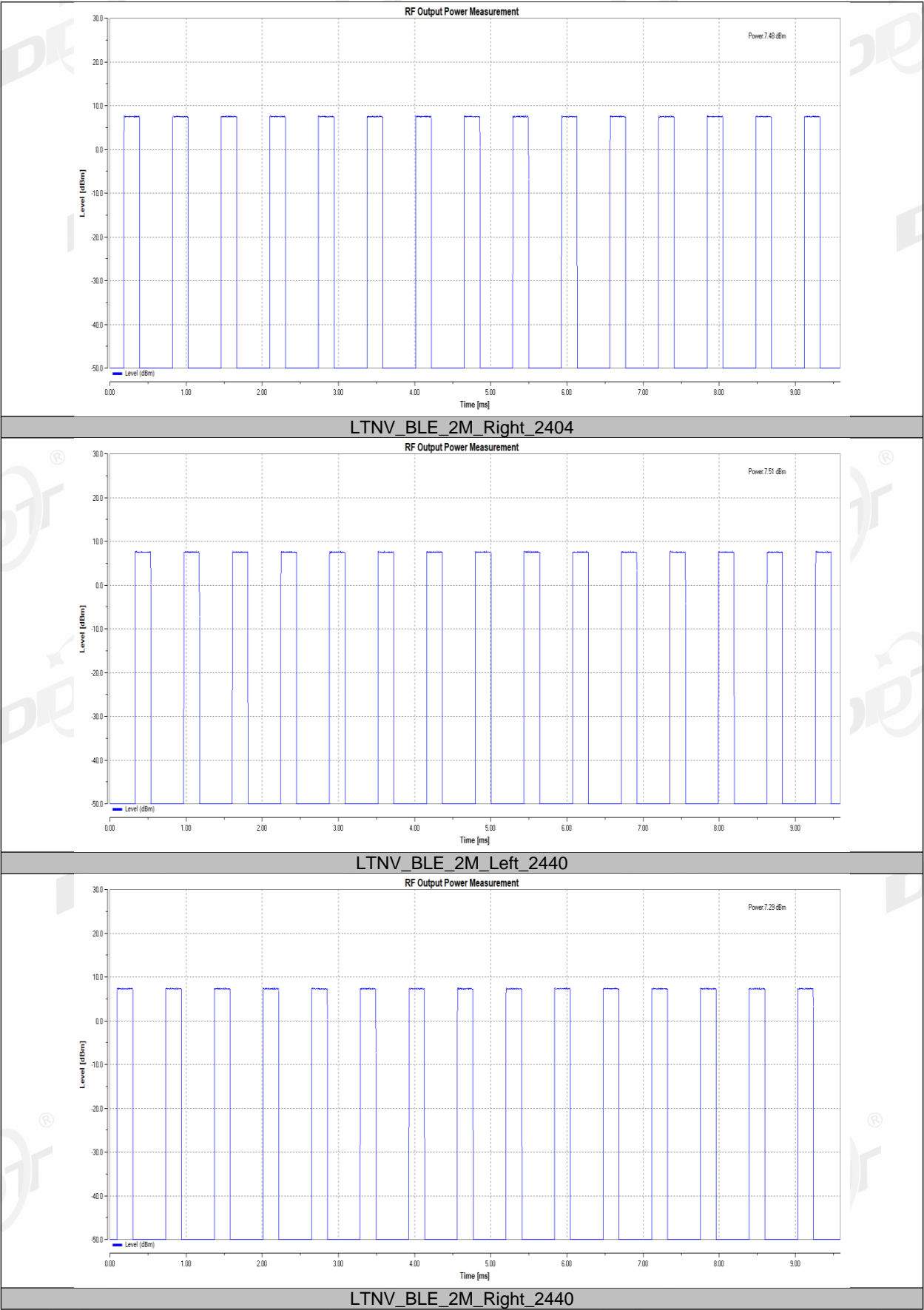


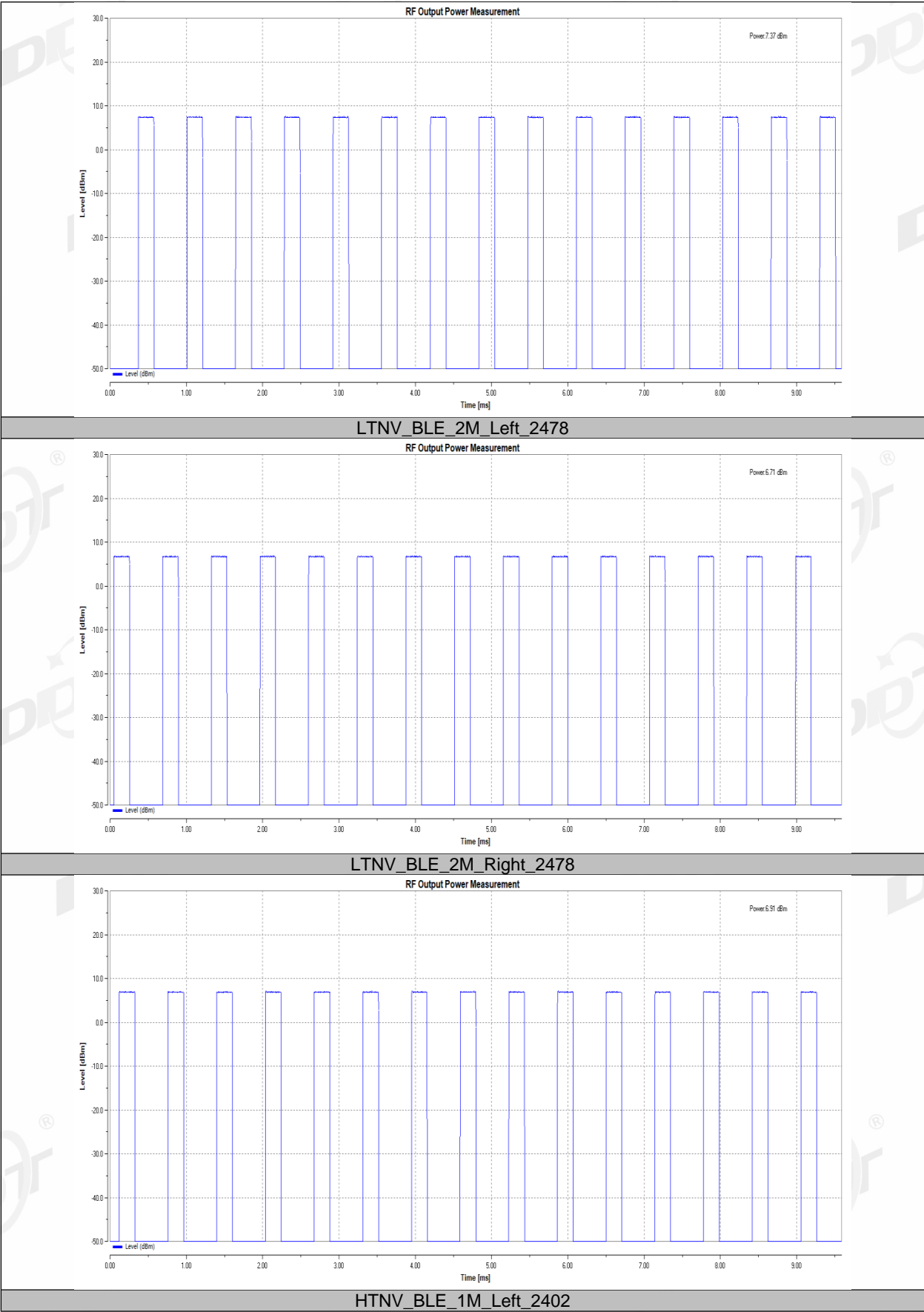
LTNV_BLE_1M_Left_2440

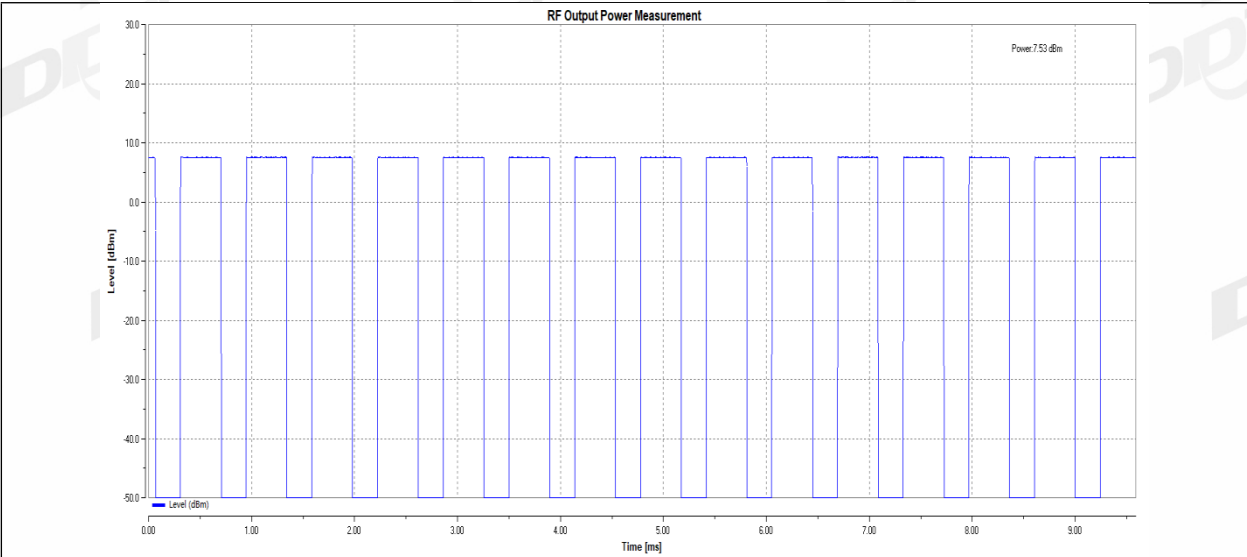


LTNV_BLE_1M_Right_2440

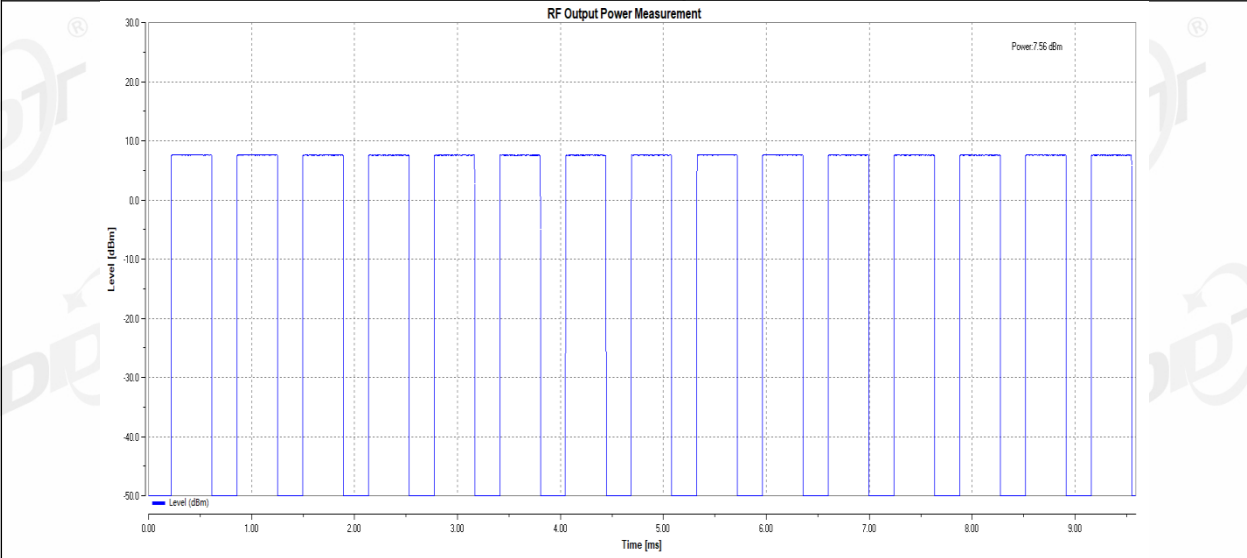




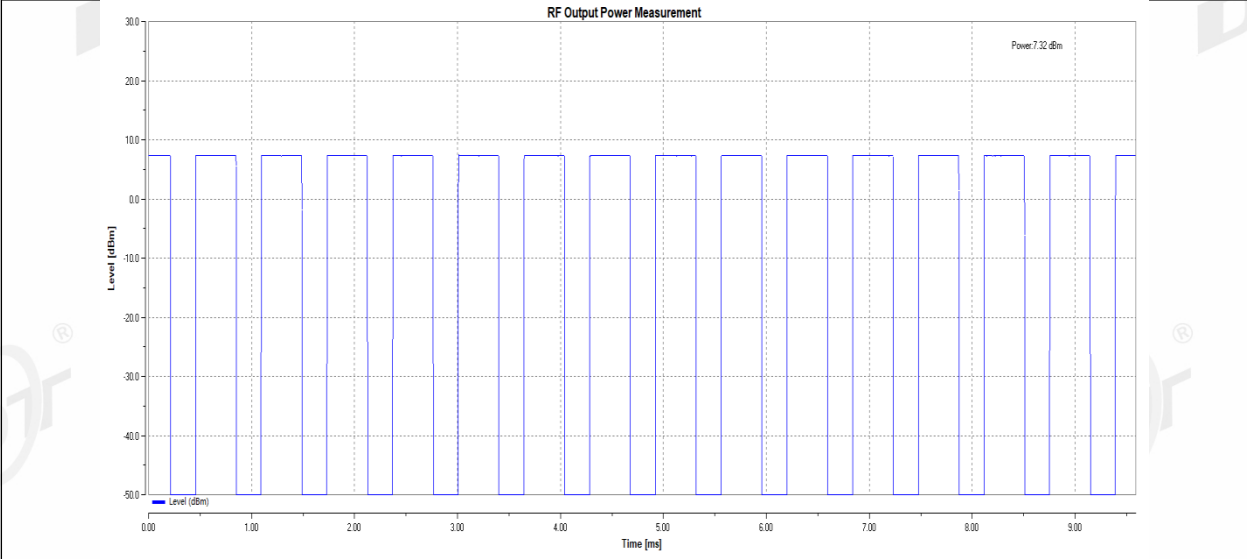




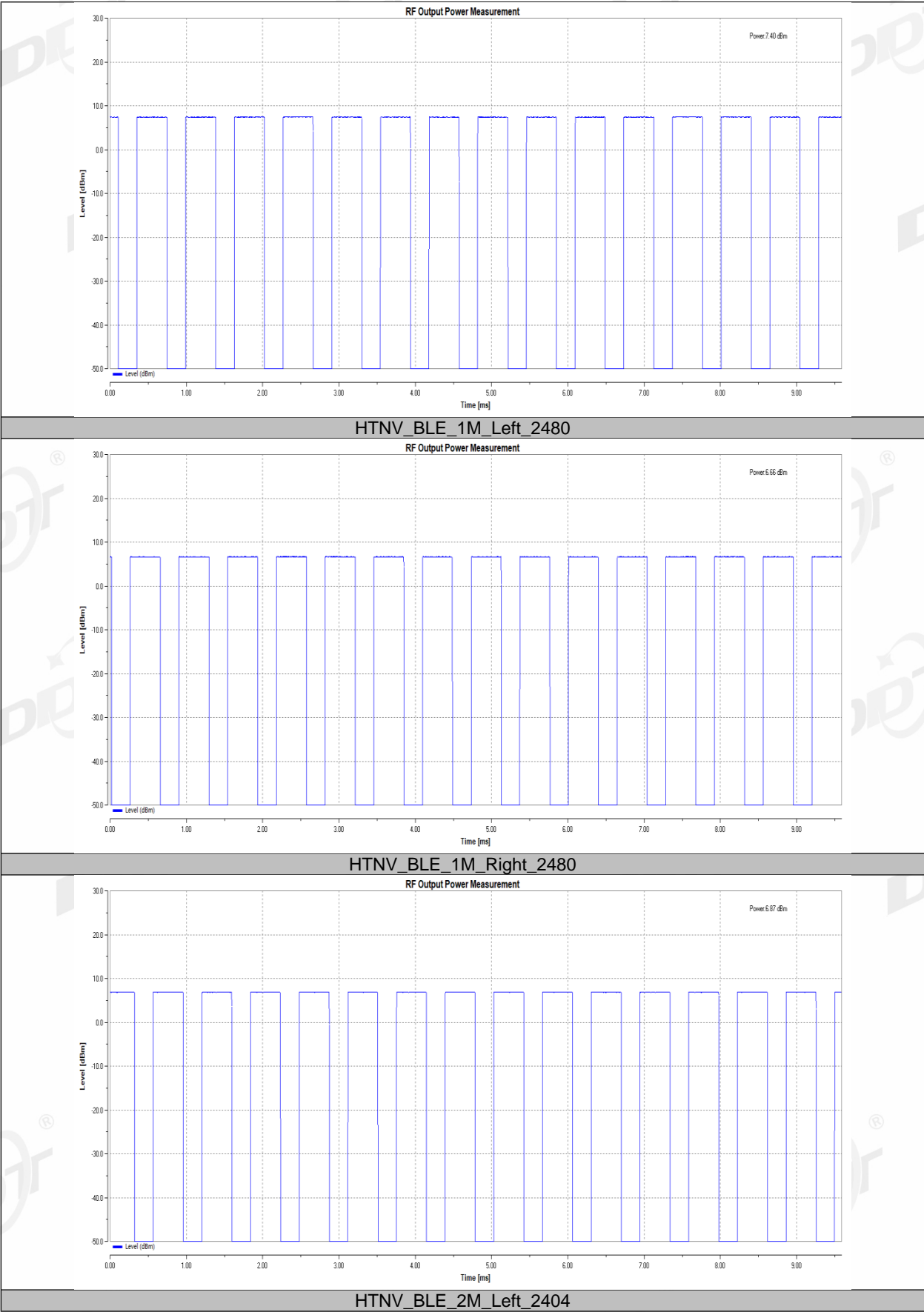
HTNV_BLE_1M_Right_2402

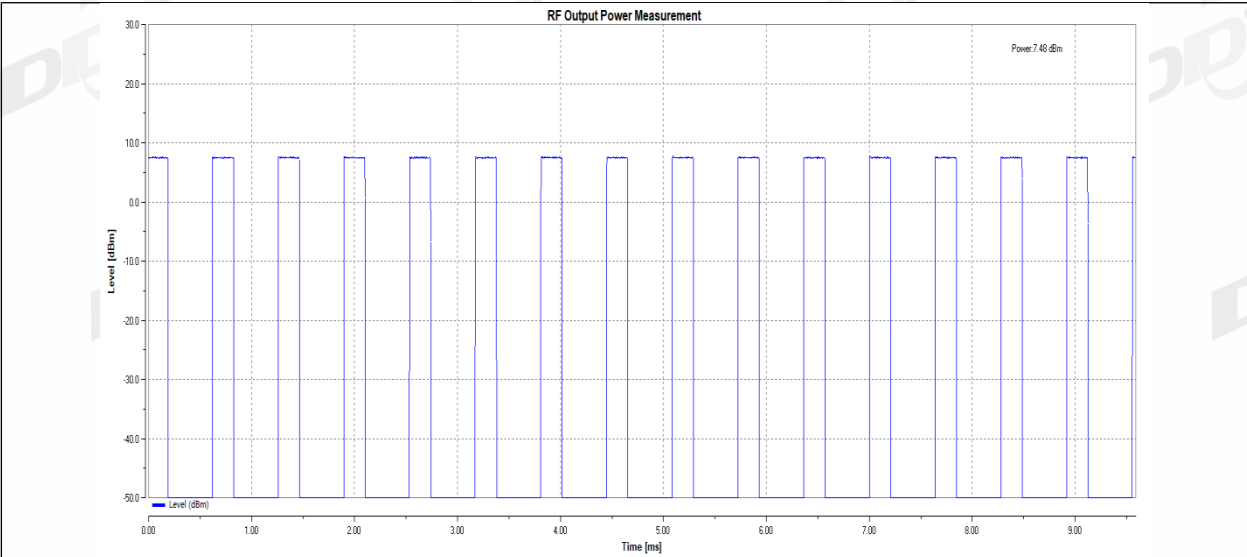


HTNV_BLE_1M_Left_2440

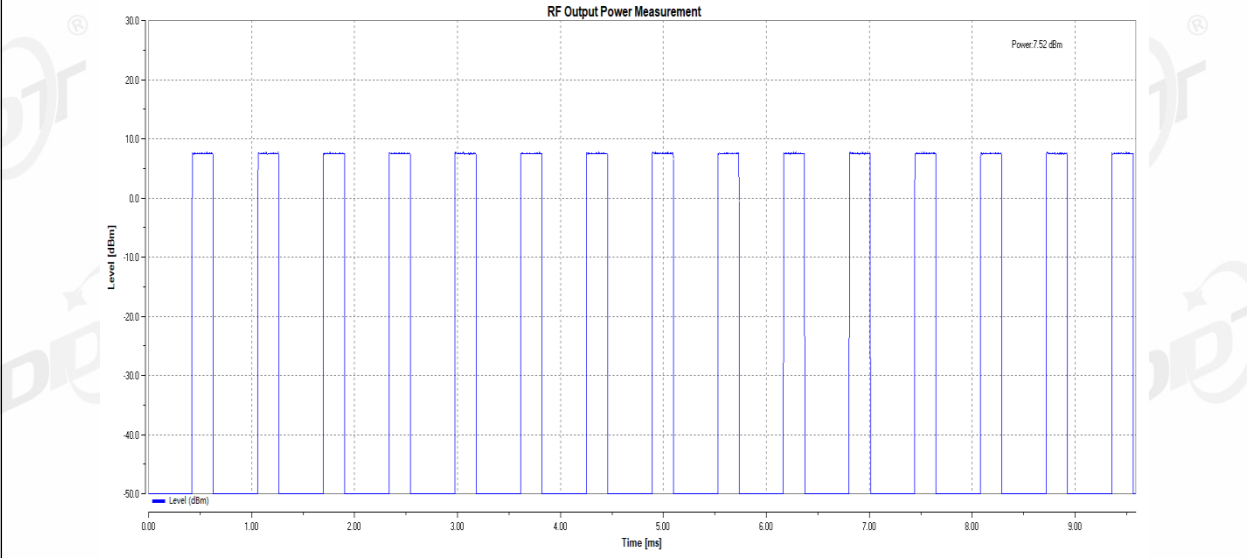


HTNV_BLE_1M_Right_2440

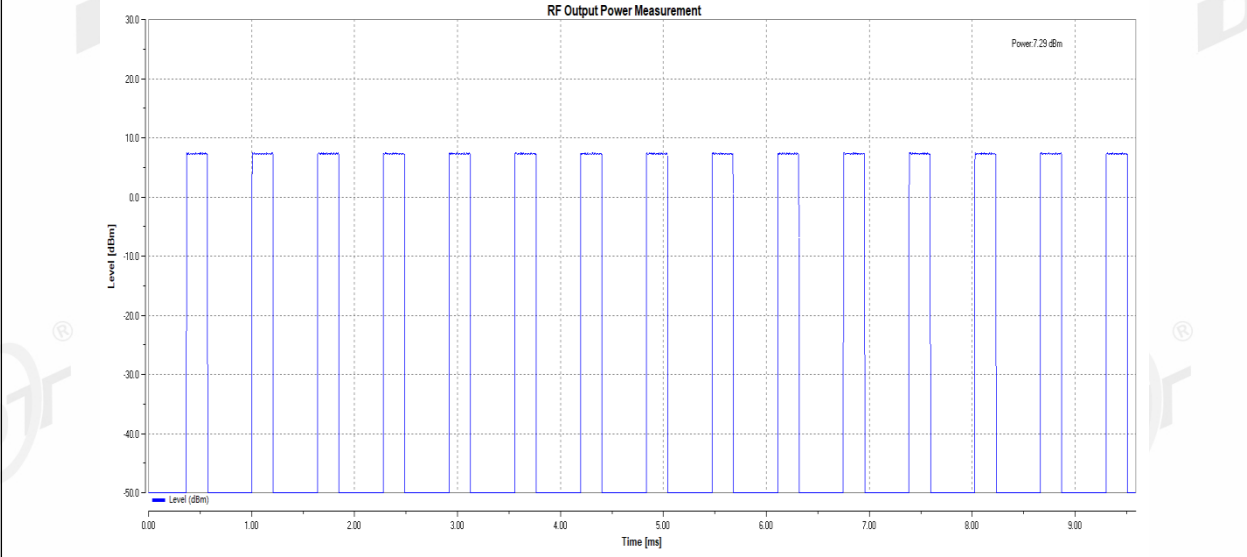




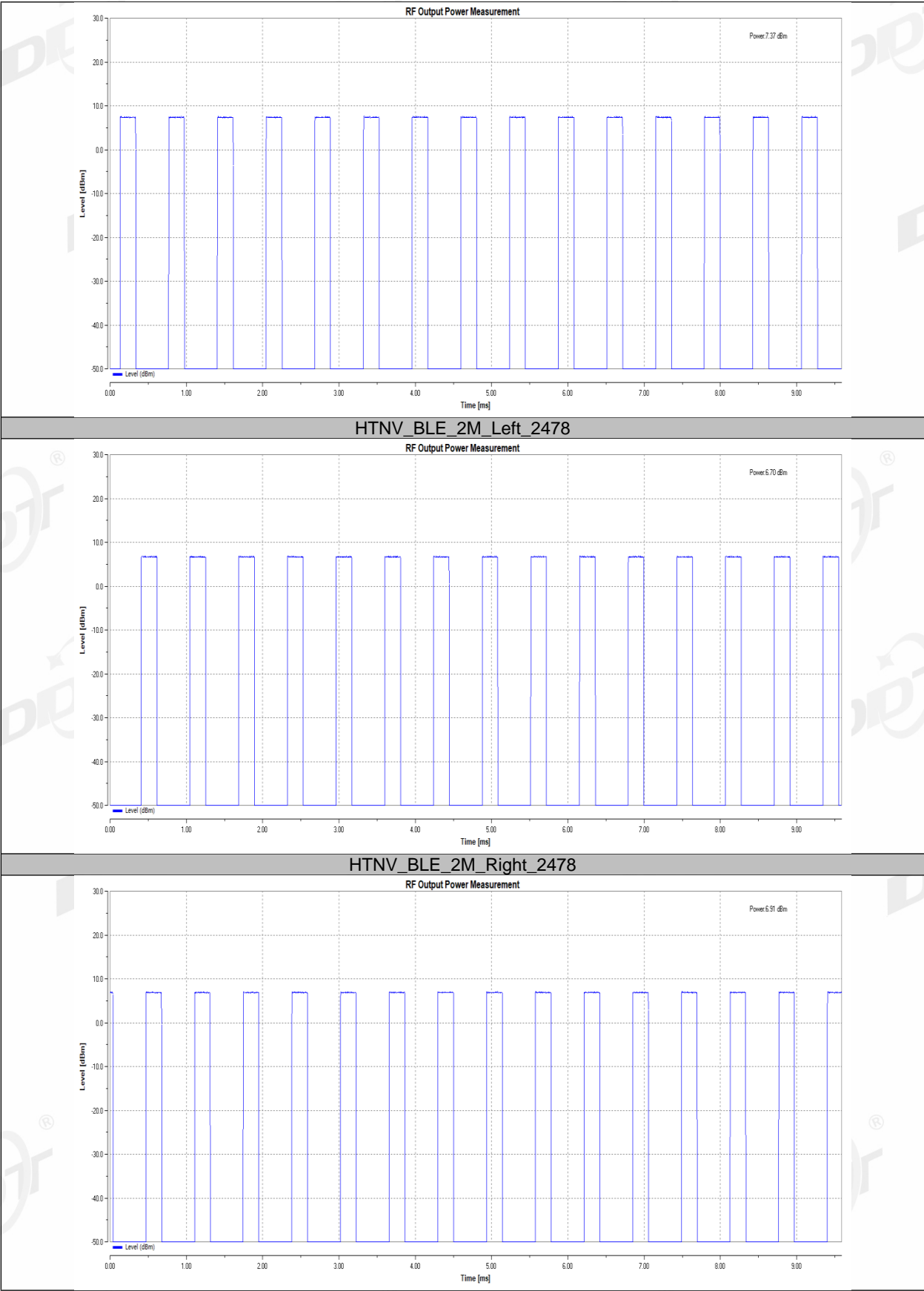
HTNV_BLE_2M_Right_2404



HTNV_BLE_2M_Left_2440

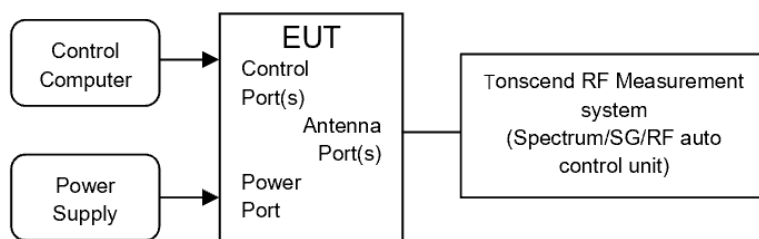


HTNV_BLE_2M_Right_2440



5. Power Spectral Density

5.1. Block diagram of test setup



5.2. Limits

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 10 dBm per MHz band during any time interval of continuous transmission.

5.3. Test procedure

- (1) The test according to EN 300 328 V2.2.2 Clause 5.4.3.2.1.
- (2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results.
- (3) The measurement shall be repeated for the equipment being configured to operate at the lowest, the middle, and the highest frequency of the stated frequency range. These frequencies shall be recorded.
- (4) Set the spectrum analyzer as follows:

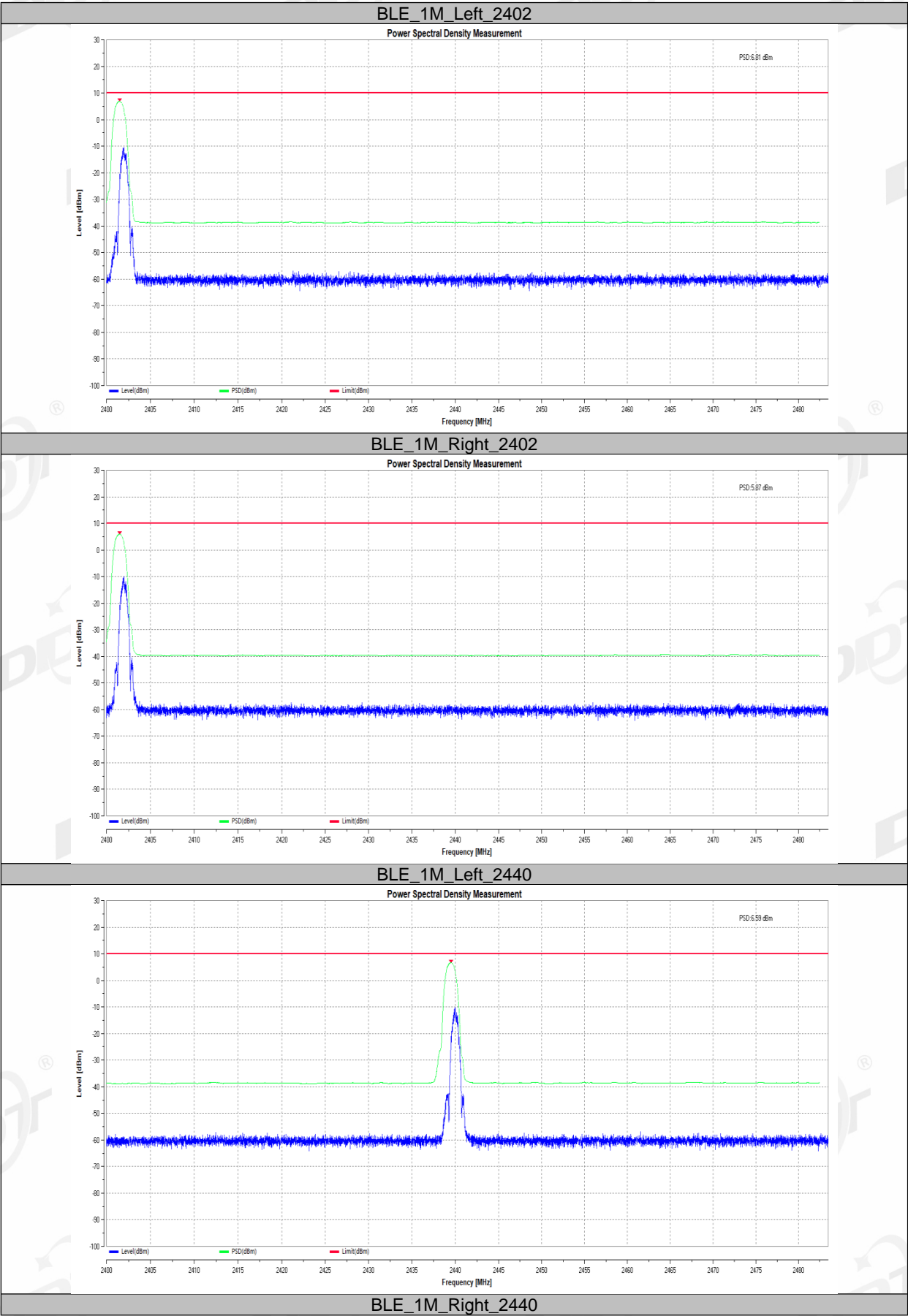
Start Frequency:	2 400 MHz
Stop Frequency:	2 483,5 MHz
RBW:	10 kHz
VBW:	30 kHz
Detector Mode:	RMS
Sweep Points:	> 8 350
Sweep time:	10 s
Trace mode	Max hold

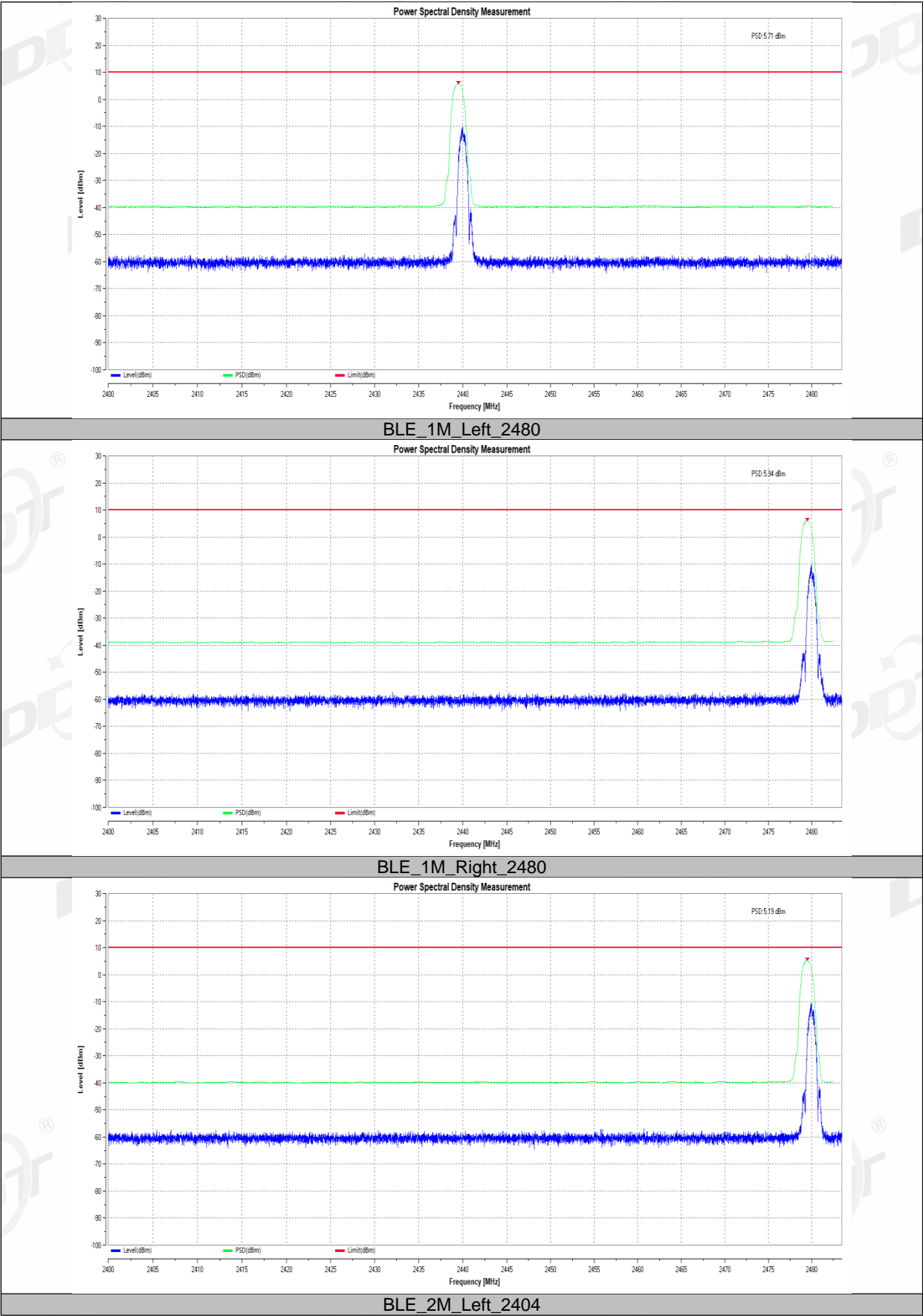
5.4. Test result

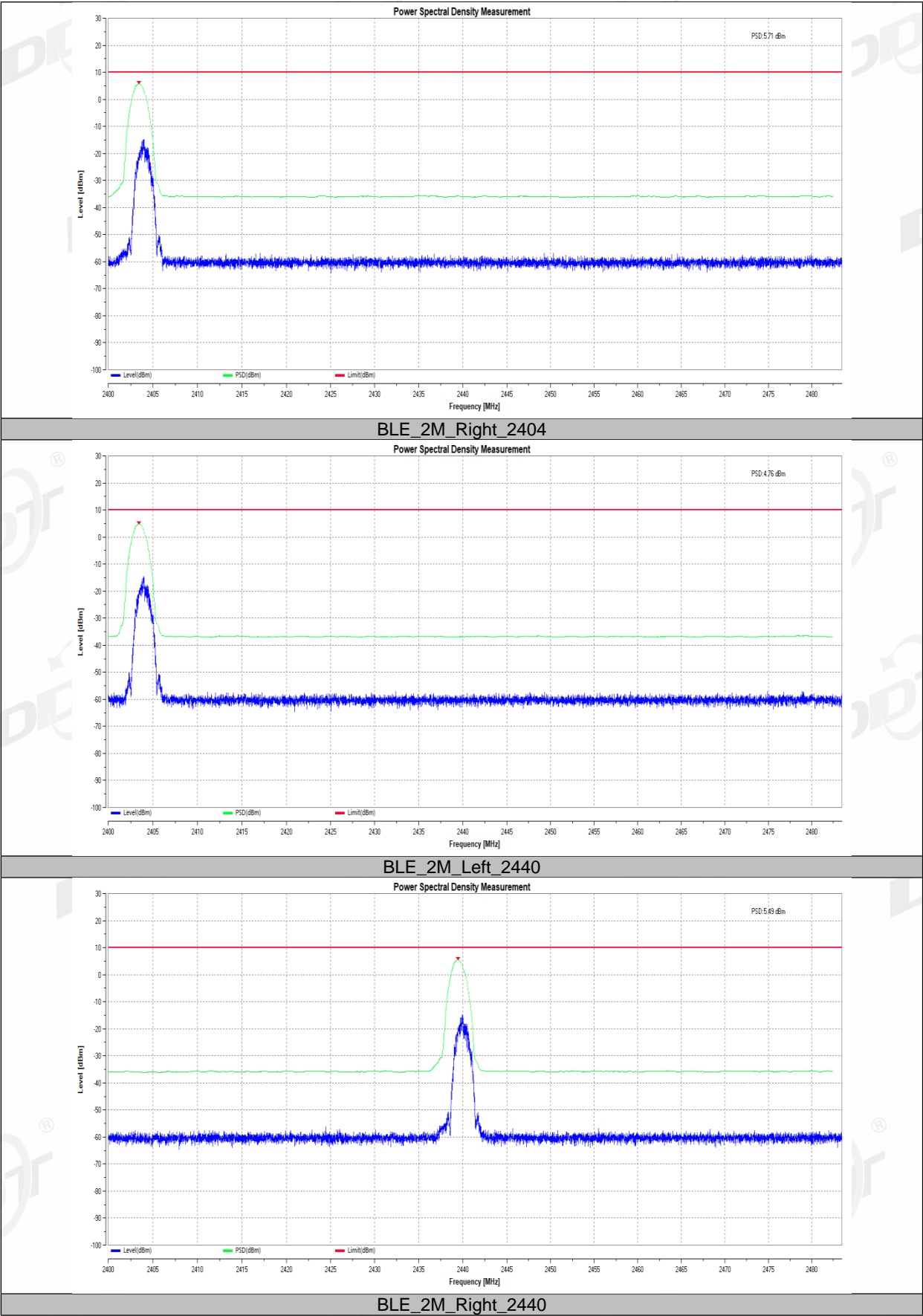
Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	24.0℃,32.7%RH	Test Date:	2025.11.08
Test Power Supply:	Battery	Sample Number:	s25103101-028

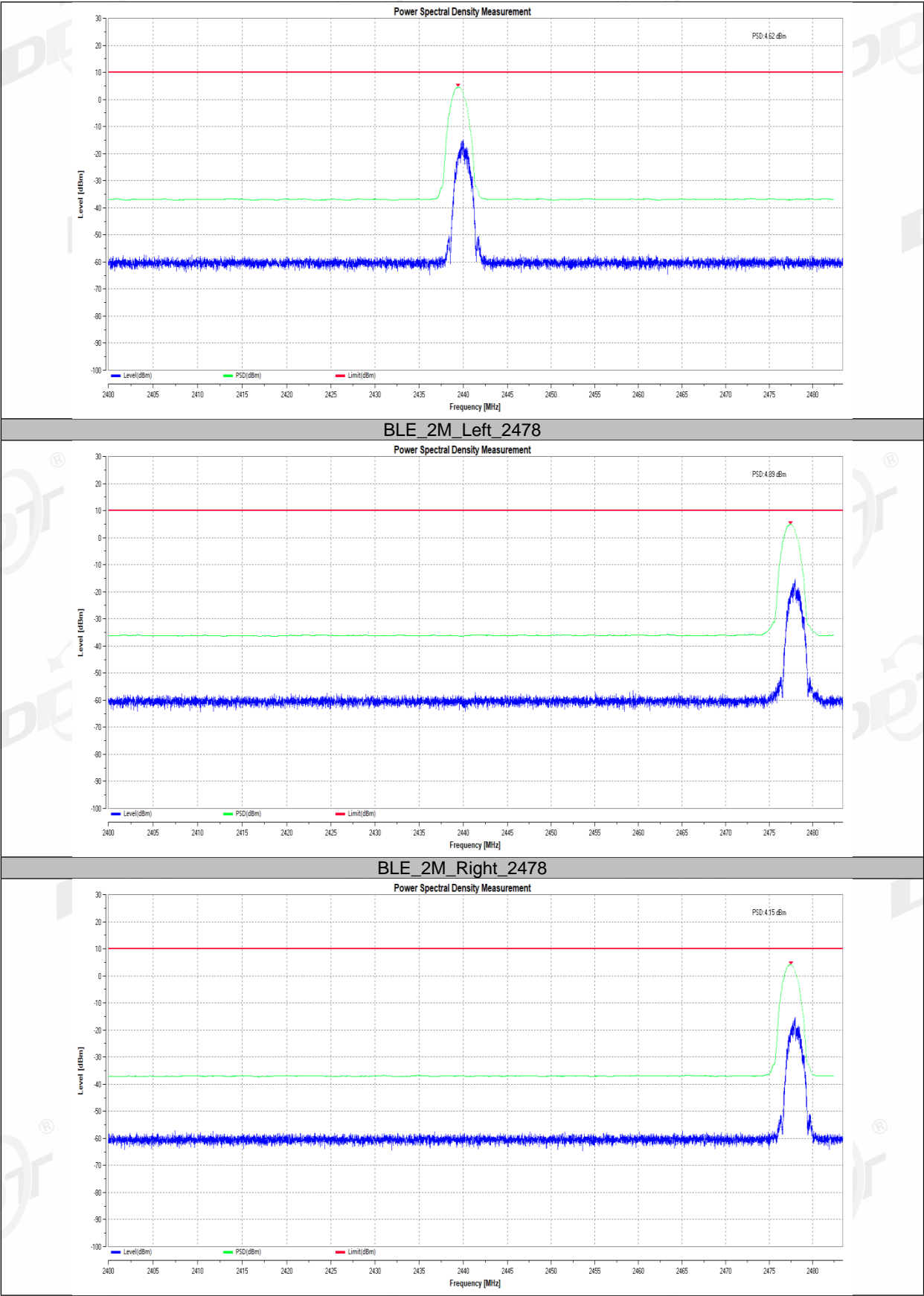
Test Mode	Antenna	Frequency [MHz]	EIRP PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
BLE_1M	Left	2402	6.81	10	PASS
	Right	2402	5.87	10	PASS
	Left	2440	6.59	10	PASS
	Right	2440	5.71	10	PASS
	Left	2480	5.94	10	PASS
	Right	2480	5.19	10	PASS
BLE_2M	Left	2404	5.71	10	PASS
	Right	2404	4.76	10	PASS
	Left	2440	5.49	10	PASS
	Right	2440	4.62	10	PASS
	Left	2478	4.89	10	PASS
	Right	2478	4.15	10	PASS

5.5. Test graphs



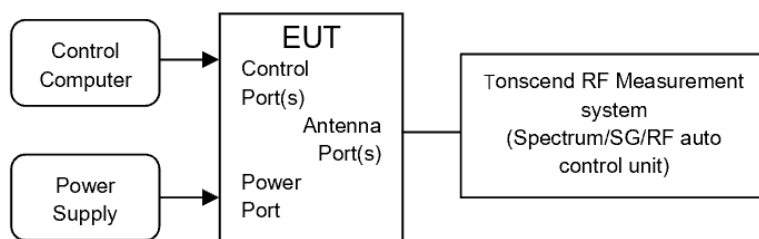






6. Occupied Channel Bandwidth

6.1. Block diagram of test setup



6.2. Limits

The Occupied Channel Bandwidth for each hopping frequency shall fall completely within the band 2400 MHz to 2483.5 MHz for this device.

6.3. Test procedure

- (1) The test according to EN 300 328 V2.2.2 Clause 5.4.7.2.1.
- (2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results.
- (3) The measurement shall be performed only on the lowest and the highest frequency within the stated frequency range.
- (4) Set the spectrum analyzer as follows:

Centre Frequency:	The centre frequency of the channel under test
Frequency Span:	2 xNominal Channel Bandwidth
RBW:	~ 1 % of the span without going below 1 %
VBW:	3 x RBW
Detector Mode:	RMS
Sweep time:	1 s
Trace Mode:	Max Hold

When the trace has completed, Use the 99% bandwidth function of the spectrum analyzer to measure the Occupied channel bandwidth of the EUT.

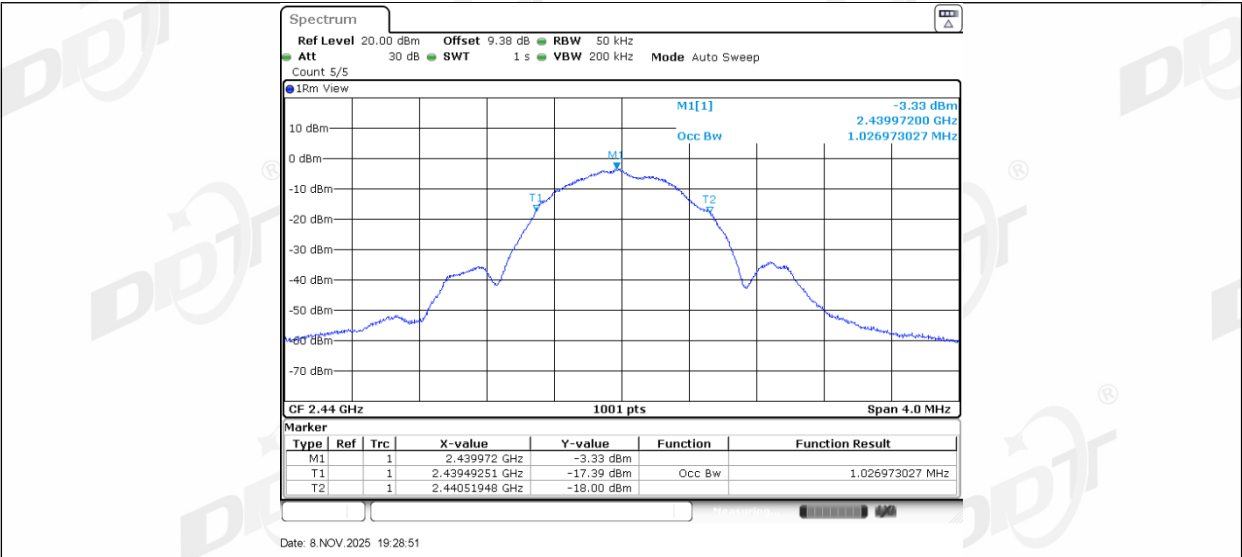
6.4. Test result

Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	24.0℃,32.7%RH	Test Date:	2025.11.08
Test Power Supply:	Battery	Sample Number:	s25103101-028

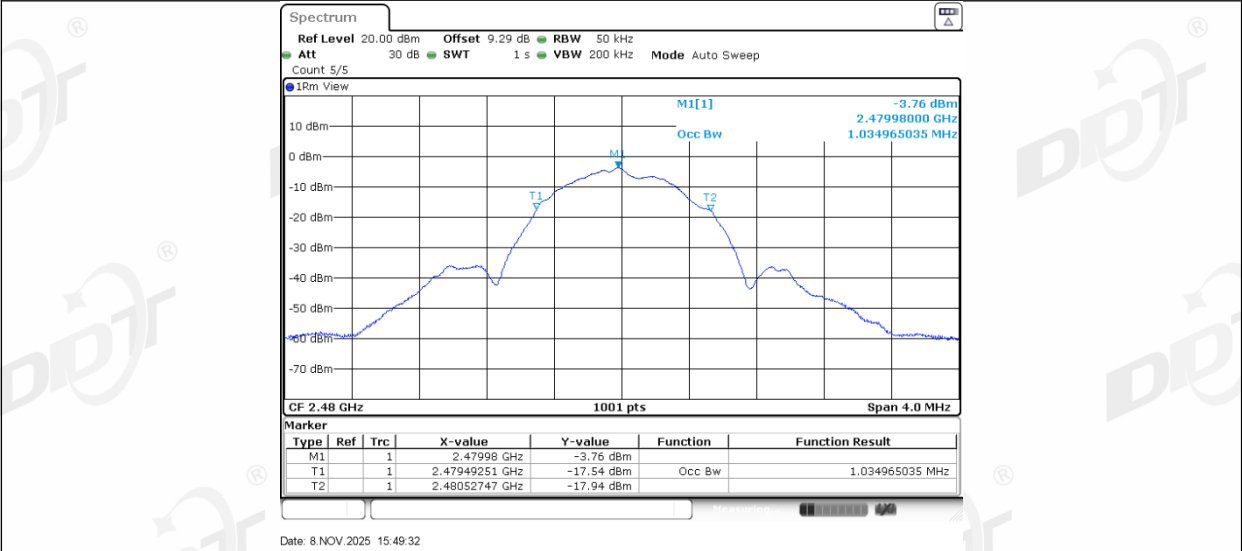
Test Mode	Antenna	Frequency [MHz]	OCB[MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
BLE_1M	Left	2402	1.0310	2401.4925	2402.5235	2400 to 2483.5	PASS
	Right	2402	1.0270	2401.4925	2402.5195	2400 to 2483.5	PASS
	Left	2440	1.0350	2439.4925	2440.5275	2400 to 2483.5	PASS
	Right	2440	1.0270	2439.4925	2440.5195	2400 to 2483.5	PASS
	Left	2480	1.0350	2479.4925	2480.5275	2400 to 2483.5	PASS
	Right	2480	1.0270	2479.4925	2480.5195	2400 to 2483.5	PASS
BLE_2M	Left	2404	2.0220	2403.0090	2405.0310	2400 to 2483.5	PASS
	Right	2404	2.0260	2403.0050	2405.0310	2400 to 2483.5	PASS
	Left	2440	2.0300	2439.0050	2441.0350	2400 to 2483.5	PASS
	Right	2440	2.0260	2439.0050	2441.0310	2400 to 2483.5	PASS
	Left	2478	2.0380	2477.0010	2479.0390	2400 to 2483.5	PASS
	Right	2478	2.0260	2477.0050	2479.0310	2400 to 2483.5	PASS

6.5. Test graphs

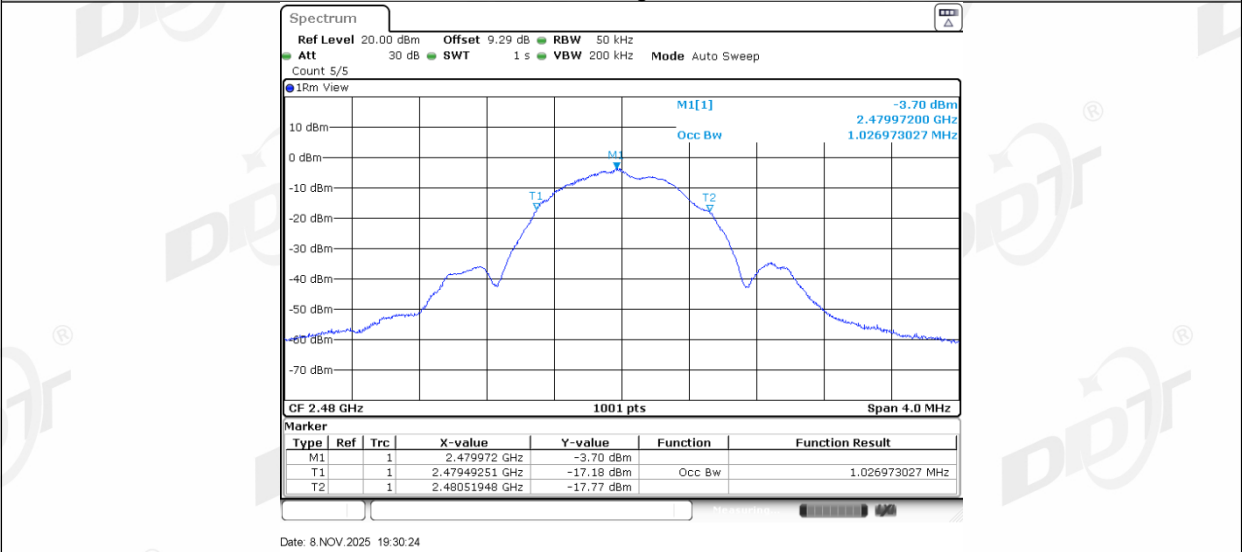




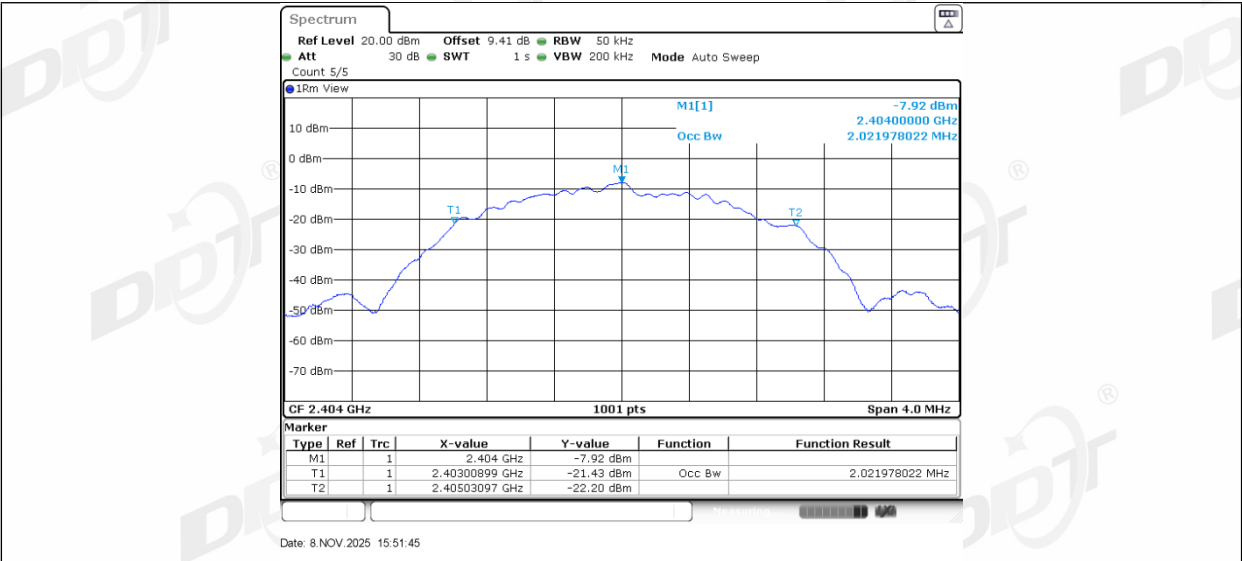
BLE_1M_Left_2480



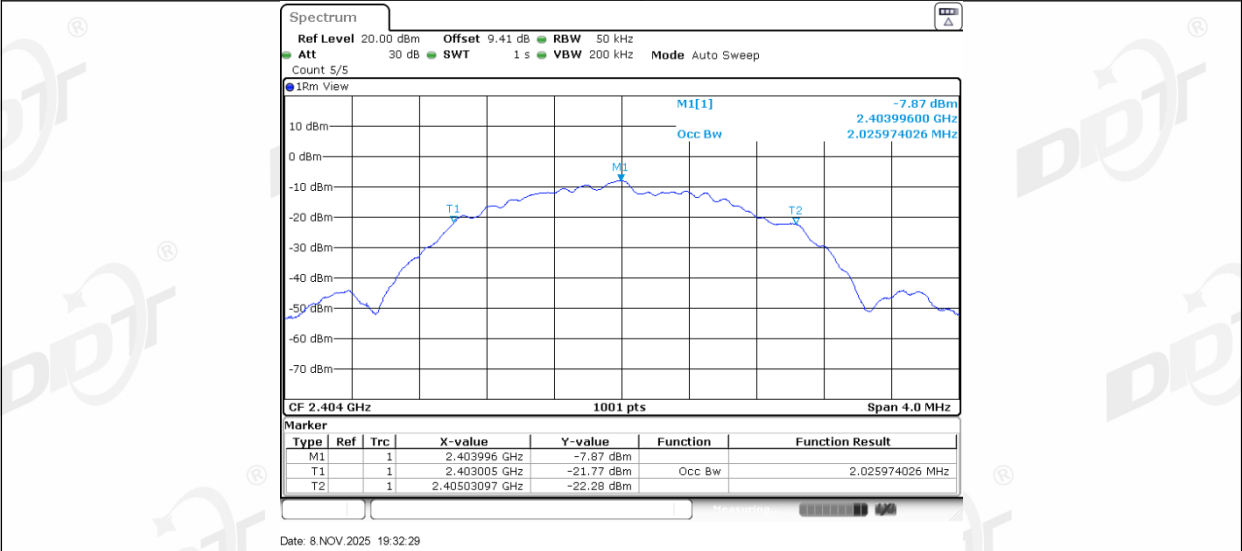
BLE_1M_Right_2480



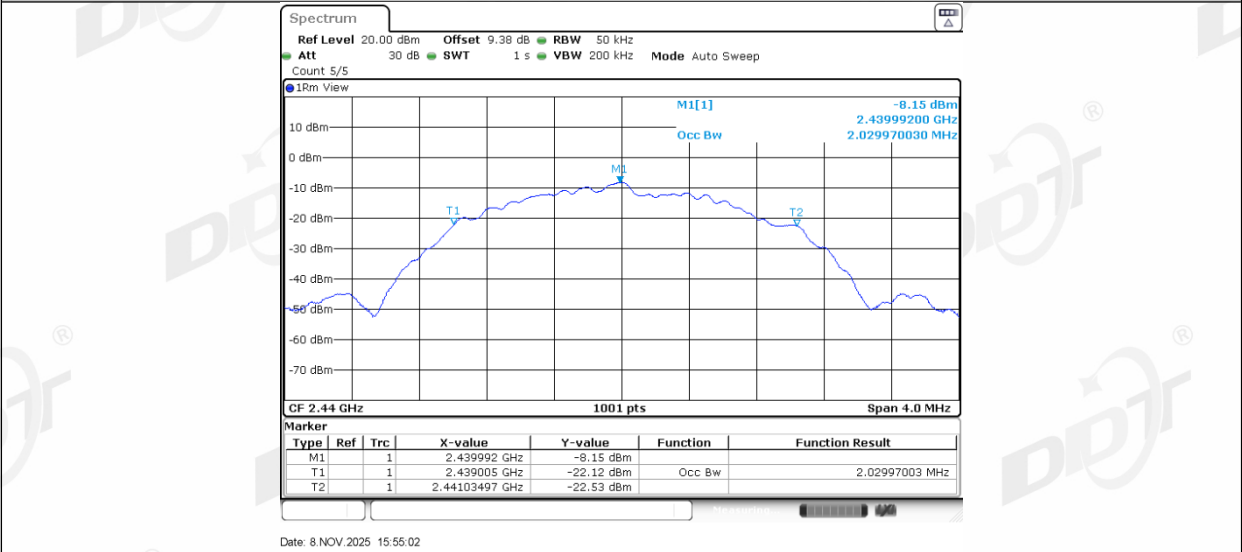
BLE_2M_Left_2404



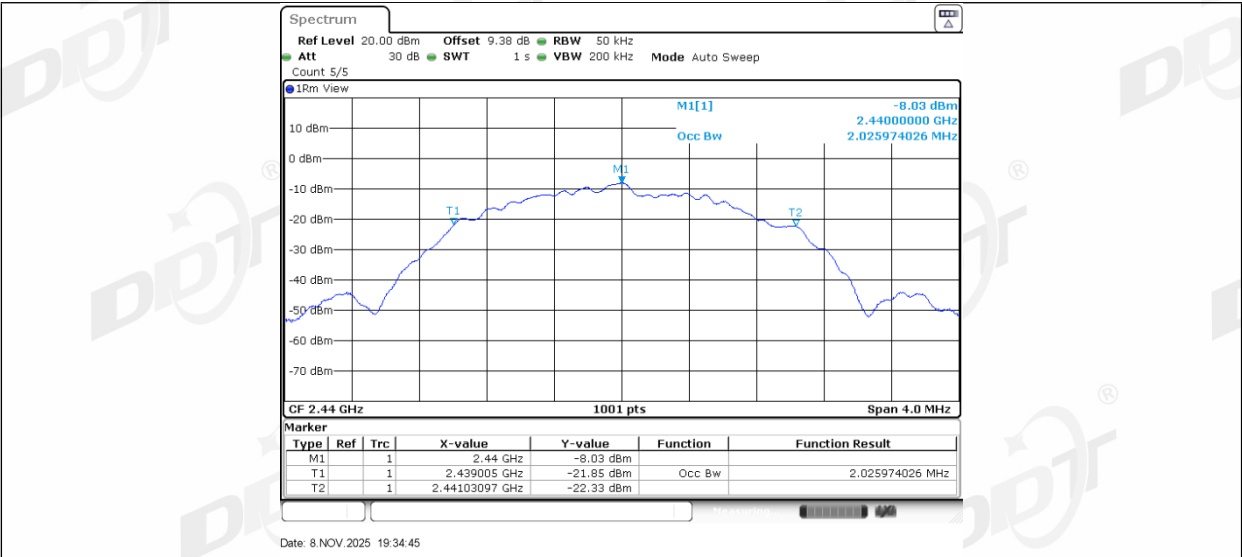
BLE_2M_Right_2404



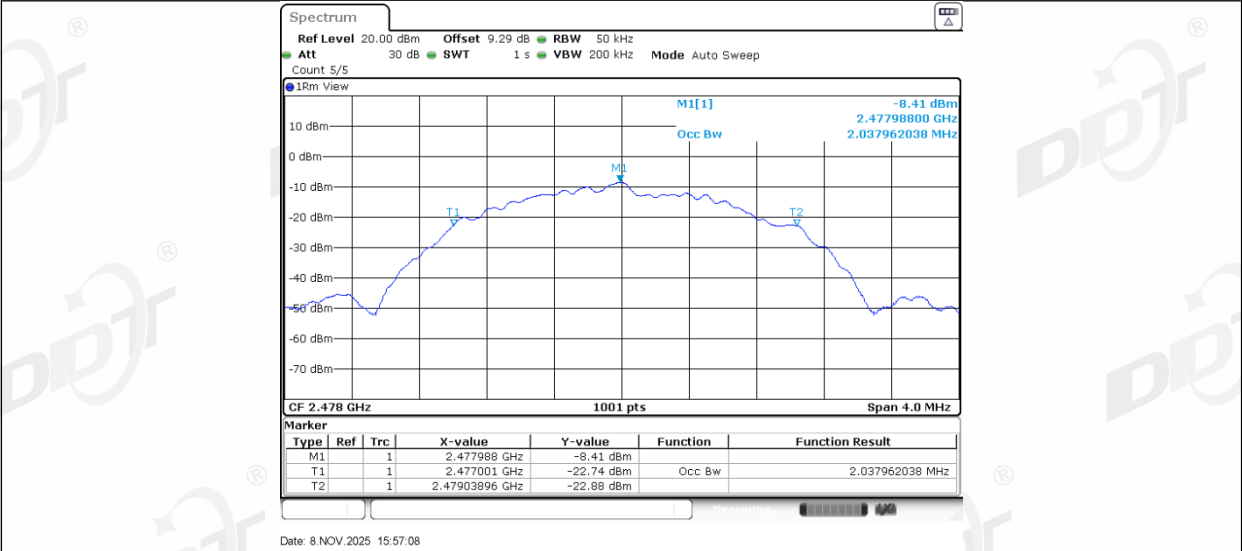
BLE_2M_Left_2440



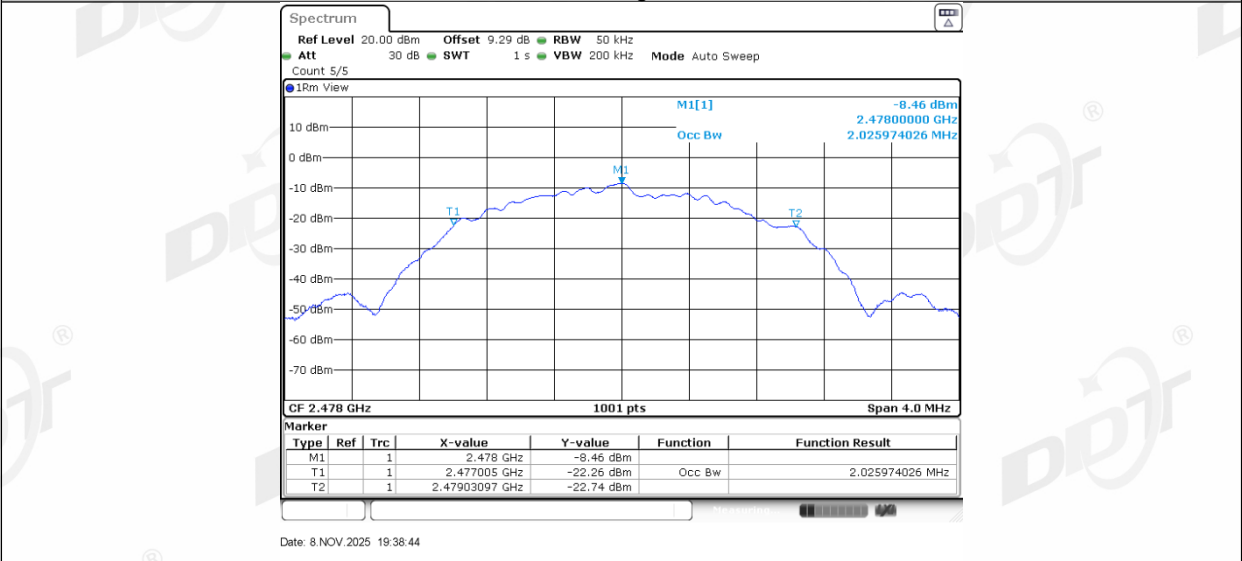
BLE_2M_Right_2440



BLE_2M_Left_2478

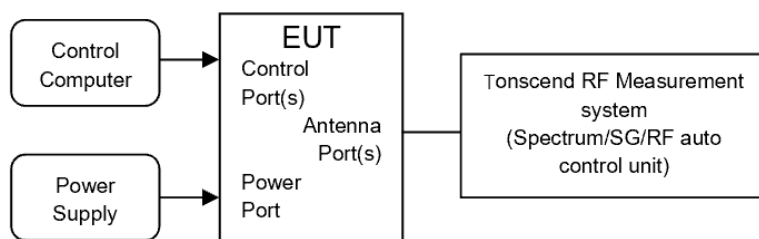


BLE_2M_Right_2478



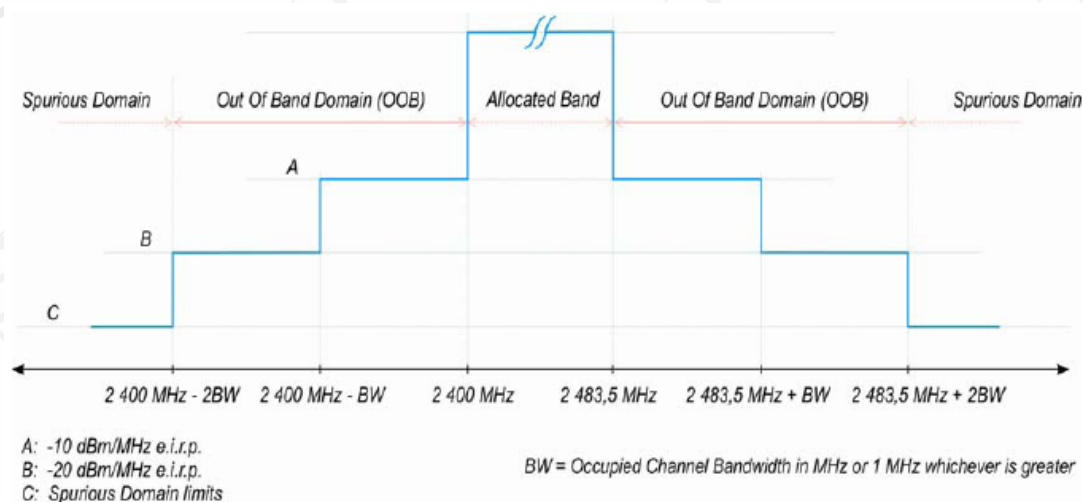
7. Transmitter Unwanted Emissions in The Out-of-band Domain

7.1. Block diagram of test setup



7.2. Limits

The transmitter unwanted emissions in the out-of-band domain but outside the allocated band, shall not exceed the values provided by the mask below:



7.3. Test procedure

- (1) The test according to EN 300 328 V2.2.2 Clause 5.4.8.2.1.
- (2) Connect EUT's antenna output to spectrum analyzer by RF cable, the path loss was compensated to the results.
- (3) For non-FHSS equipment, the measurement shall be performed at the lowest and the highest channel on which the equipment can operate. These operating channels shall be recorded.

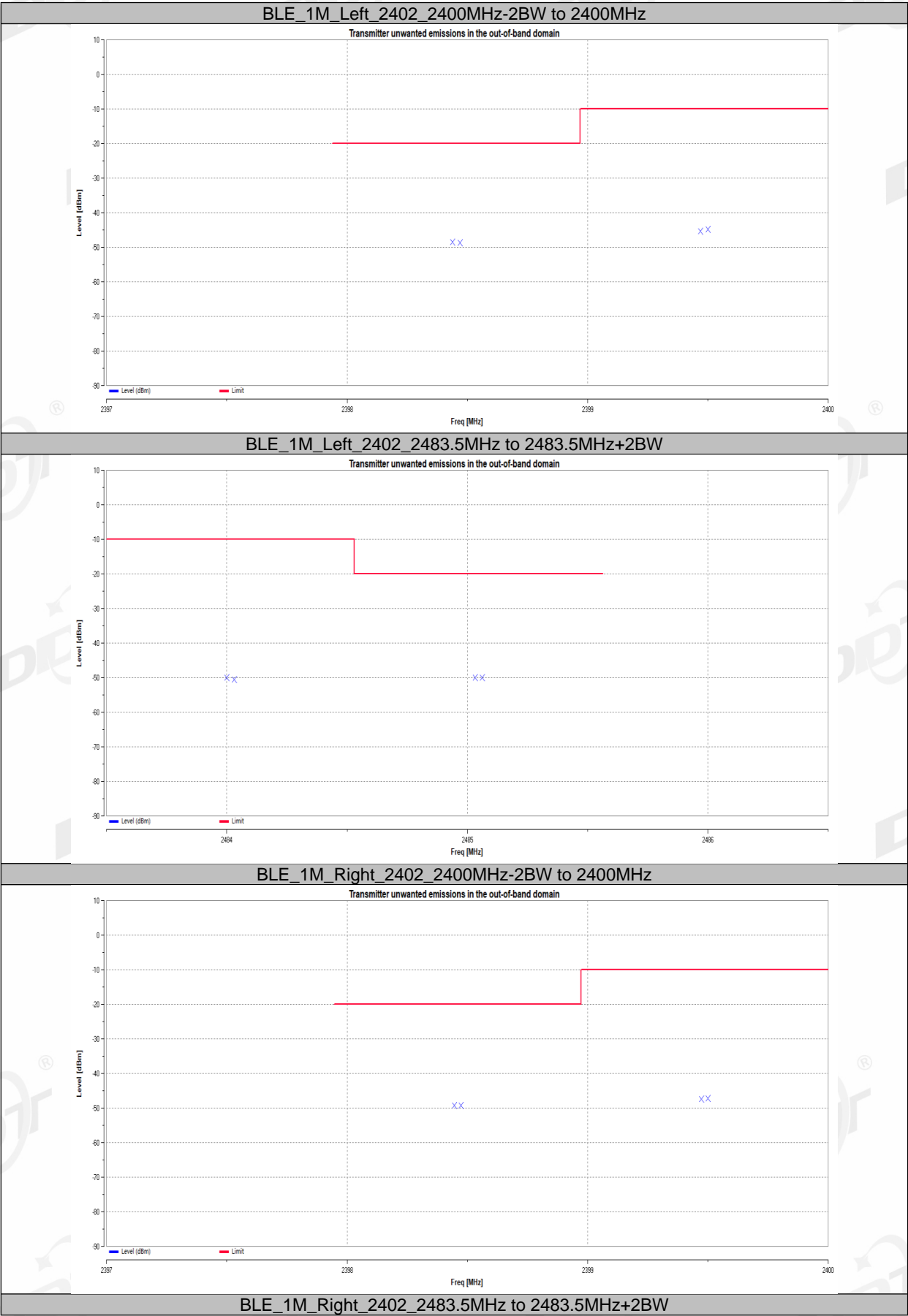
7.4. Test result

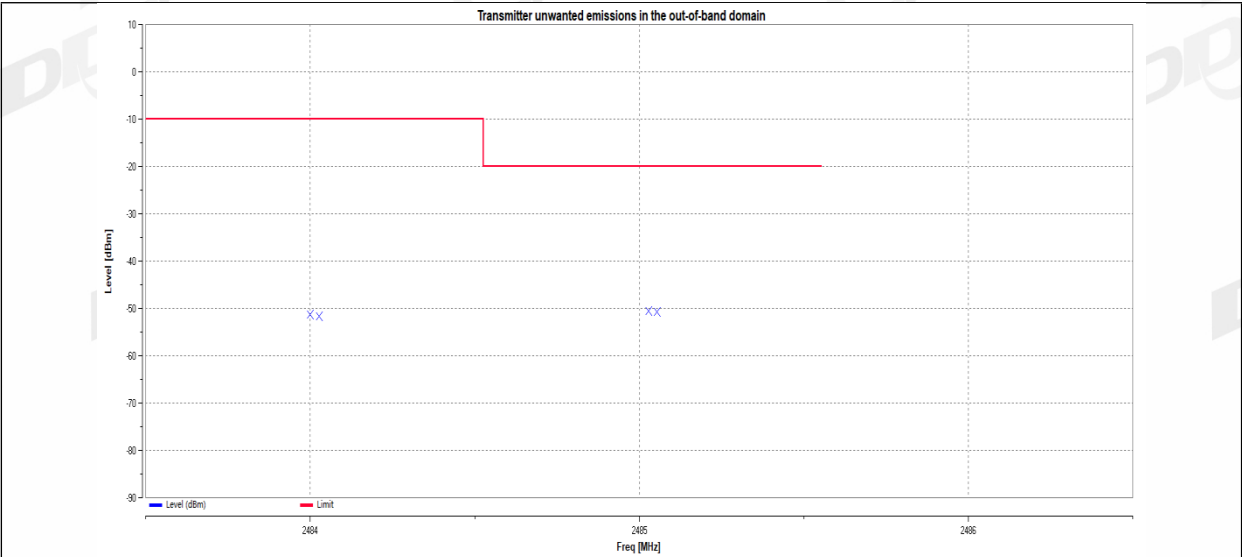
Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	24.0℃,32.7%RH	Test Date:	2025.11.08
Test Power Supply:	Battery	Sample Number:	s25103101-028

Test Mode	Antenna	Frequency[MHz]	Freq. [MHz]	Level[dBm]	Limit[dBm]	Verdict
BLE_1M	Left	2402	2398.438	-48.44	-20.00	PASS
			2398.469	-48.75	-20.00	PASS
			2399.469	-45.34	-10.00	PASS
			2399.5	-44.75	-10.00	PASS
			2484	-49.96	-10.00	PASS
			2484.031	-50.61	-10.00	PASS
			2485.031	-49.97	-20.00	PASS
			2485.062	-50.07	-20.00	PASS
	Right	2402	2398.446	-49.17	-20.00	PASS
			2398.473	-49.17	-20.00	PASS
			2399.473	-47.44	-10.00	PASS
			2399.5	-47.17	-10.00	PASS
			2484	-51.26	-10.00	PASS
			2484.027	-51.72	-10.00	PASS
			2485.027	-50.48	-20.00	PASS
			2485.054	-50.80	-20.00	PASS
	Left	2480	2398.43	-50.98	-20.00	PASS
			2398.465	-50.77	-20.00	PASS
			2399.465	-49.58	-10.00	PASS
			2399.5	-49.58	-10.00	PASS
			2484	-49.75	-10.00	PASS
			2484.035	-49.48	-10.00	PASS
			2485.035	-49.82	-20.00	PASS
			2485.07	-49.73	-20.00	PASS
	Right	2480	2398.446	-50.21	-20.00	PASS
			2398.473	-50.57	-20.00	PASS
			2399.473	-50.42	-10.00	PASS
			2399.5	-50.17	-10.00	PASS
			2484	-50.52	-10.00	PASS
			2484.027	-49.97	-10.00	PASS
			2485.027	-50.48	-20.00	PASS
			2485.054	-50.10	-20.00	PASS
BLE_2M	Left	2404	2396.456	-48.30	-20.00	PASS
			2396.478	-50.82	-20.00	PASS
			2397.478	-50.20	-20.00	PASS
			2398.478	-51.24	-10.00	PASS
			2398.5	-51.06	-10.00	PASS
			2399.5	-50.23	-10.00	PASS
			2484	-52.00	-10.00	PASS
			2485	-51.61	-10.00	PASS
			2485.022	-50.66	-10.00	PASS
			2486.022	-51.98	-20.00	PASS
			2487.022	-51.16	-20.00	PASS
			2487.044	-50.53	-20.00	PASS
	Right	2404	2396.448	-50.35	-20.00	PASS
			2396.474	-50.88	-20.00	PASS
			2397.474	-50.17	-20.00	PASS
			2398.474	-49.89	-10.00	PASS
			2398.5	-49.01	-10.00	PASS
			2399.5	-50.39	-10.00	PASS
			2484	-52.77	-10.00	PASS
			2485	-51.44	-10.00	PASS
			2485.026	-52.92	-10.00	PASS
			2486.026	-53.39	-20.00	PASS
			2487.026	-52.06	-20.00	PASS

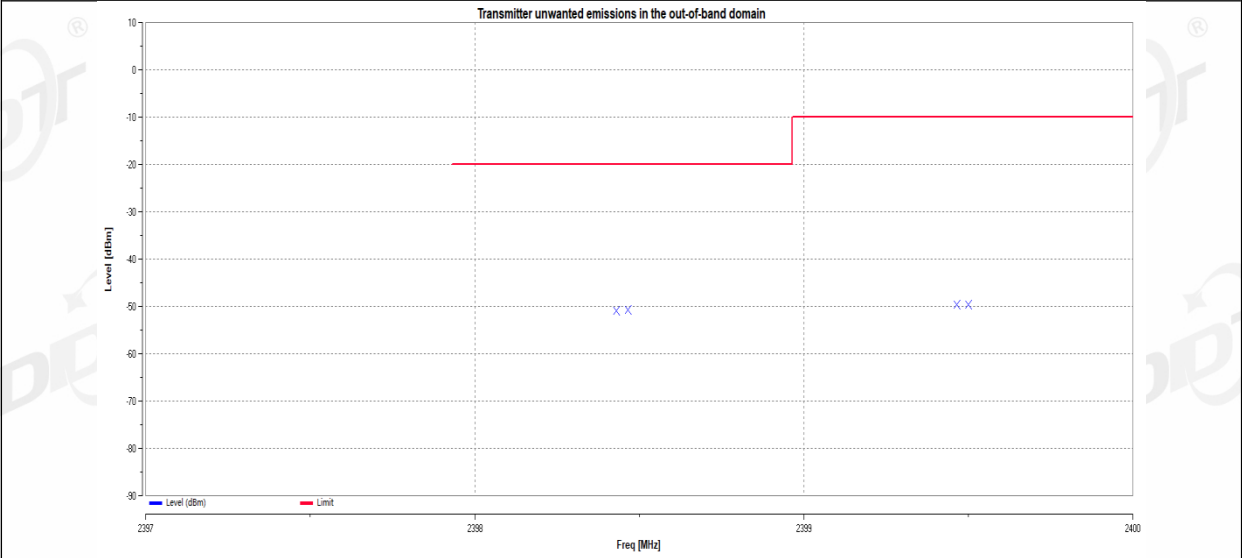
	Left	2478	2487.052	-52.75	-20.00	PASS
			2396.424	-51.96	-20.00	PASS
			2396.462	-51.16	-20.00	PASS
			2397.462	-52.54	-20.00	PASS
			2398.462	-51.62	-10.00	PASS
			2398.5	-52.40	-10.00	PASS
			2399.5	-51.96	-10.00	PASS
			2484	-52.53	-10.00	PASS
			2485	-52.32	-10.00	PASS
			2485.038	-51.18	-10.00	PASS
			2486.038	-52.50	-20.00	PASS
			2487.038	-51.98	-20.00	PASS
			2487.076	-51.86	-20.00	PASS
	Right	2478	2396.448	-51.57	-20.00	PASS
			2396.474	-52.04	-20.00	PASS
			2397.474	-50.99	-20.00	PASS
			2398.474	-52.43	-10.00	PASS
			2398.5	-51.59	-10.00	PASS
			2399.5	-52.37	-10.00	PASS
			2484	-52.15	-10.00	PASS
			2485	-51.71	-10.00	PASS
			2485.026	-51.30	-10.00	PASS
			2486.026	-52.13	-20.00	PASS
			2487.026	-51.86	-20.00	PASS
			2487.052	-51.71	-20.00	PASS

7.5. Test graphs

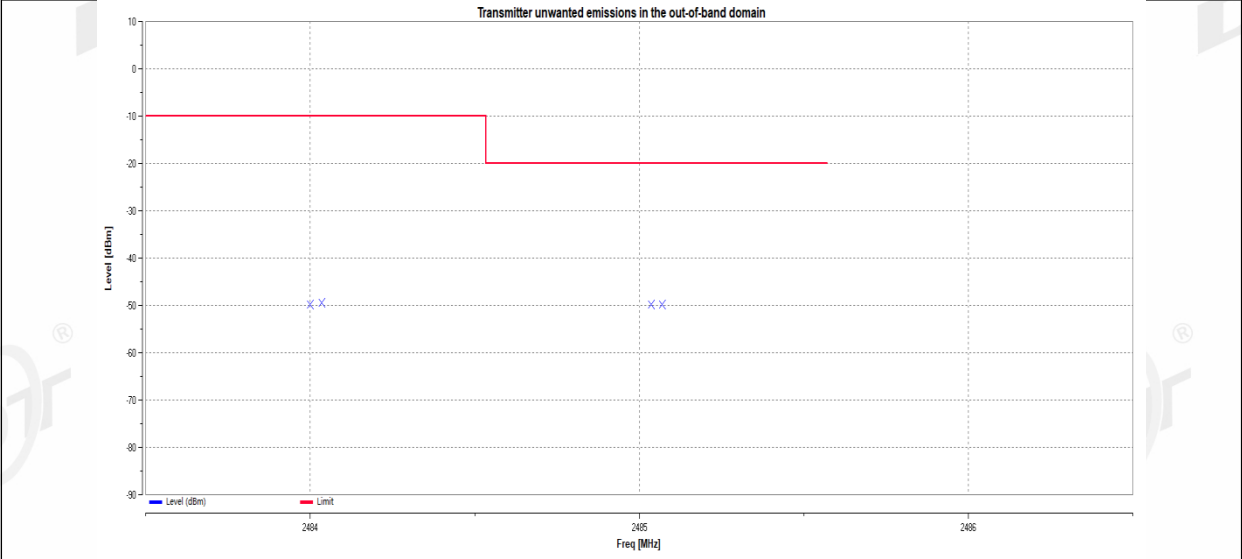




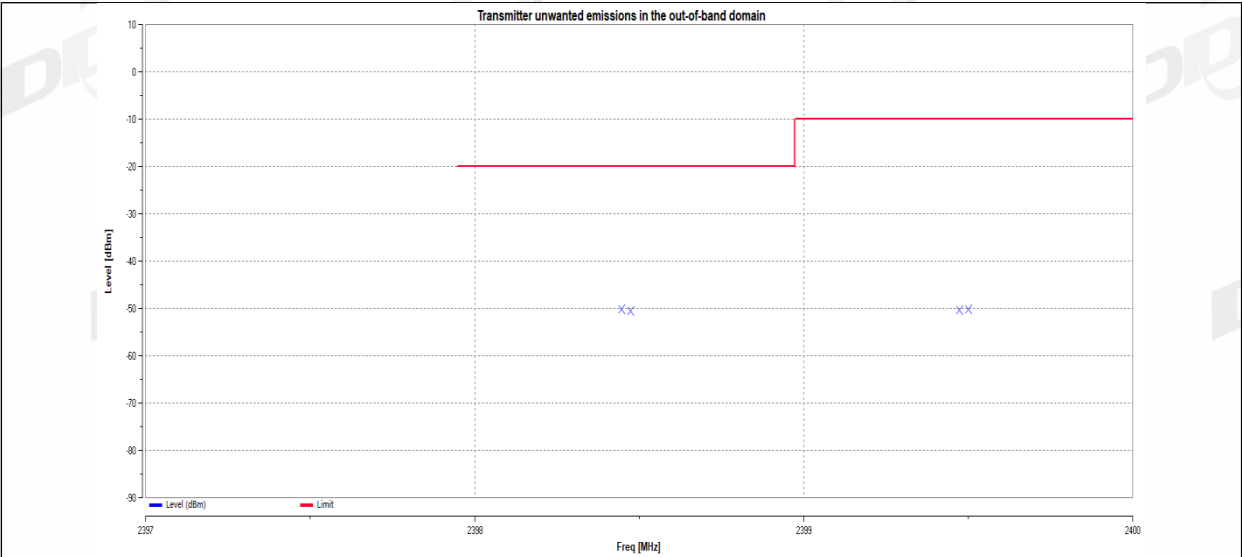
BLE_1M_Left_2480_2400MHz-2BW to 2400MHz



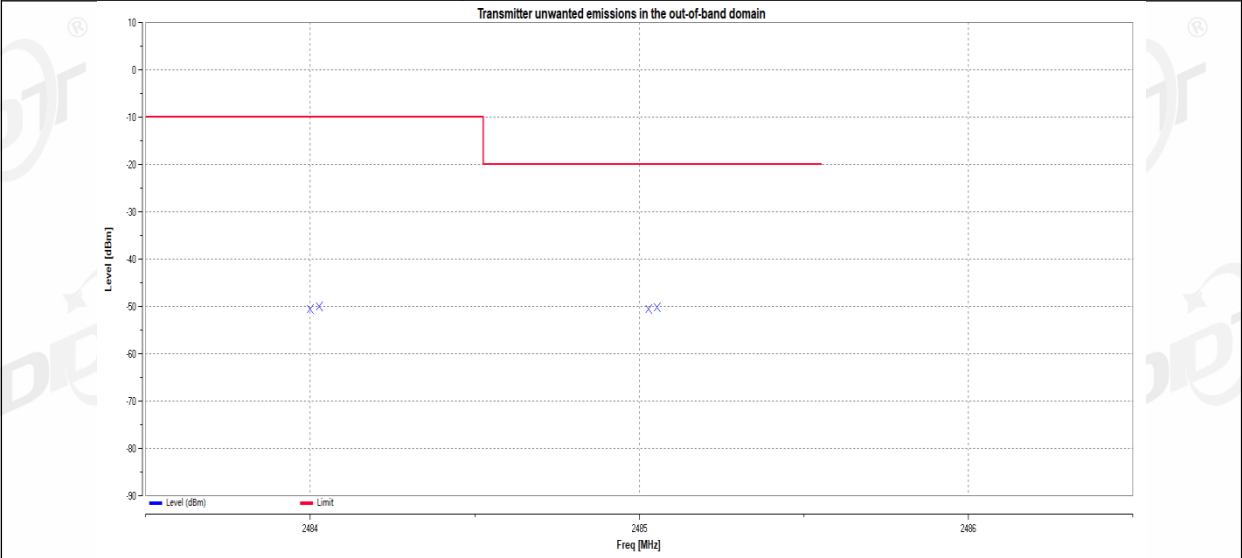
BLE_1M_Left_2480_2483.5MHz to 2483.5MHz+2BW



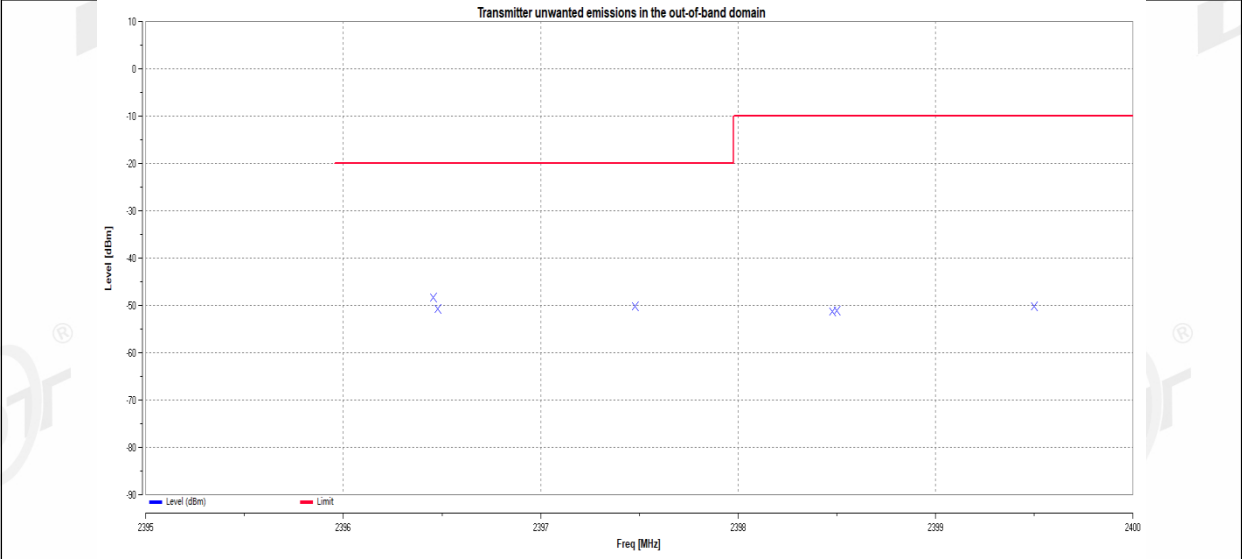
BLE_1M_Right_2480_2400MHz-2BW to 2400MHz



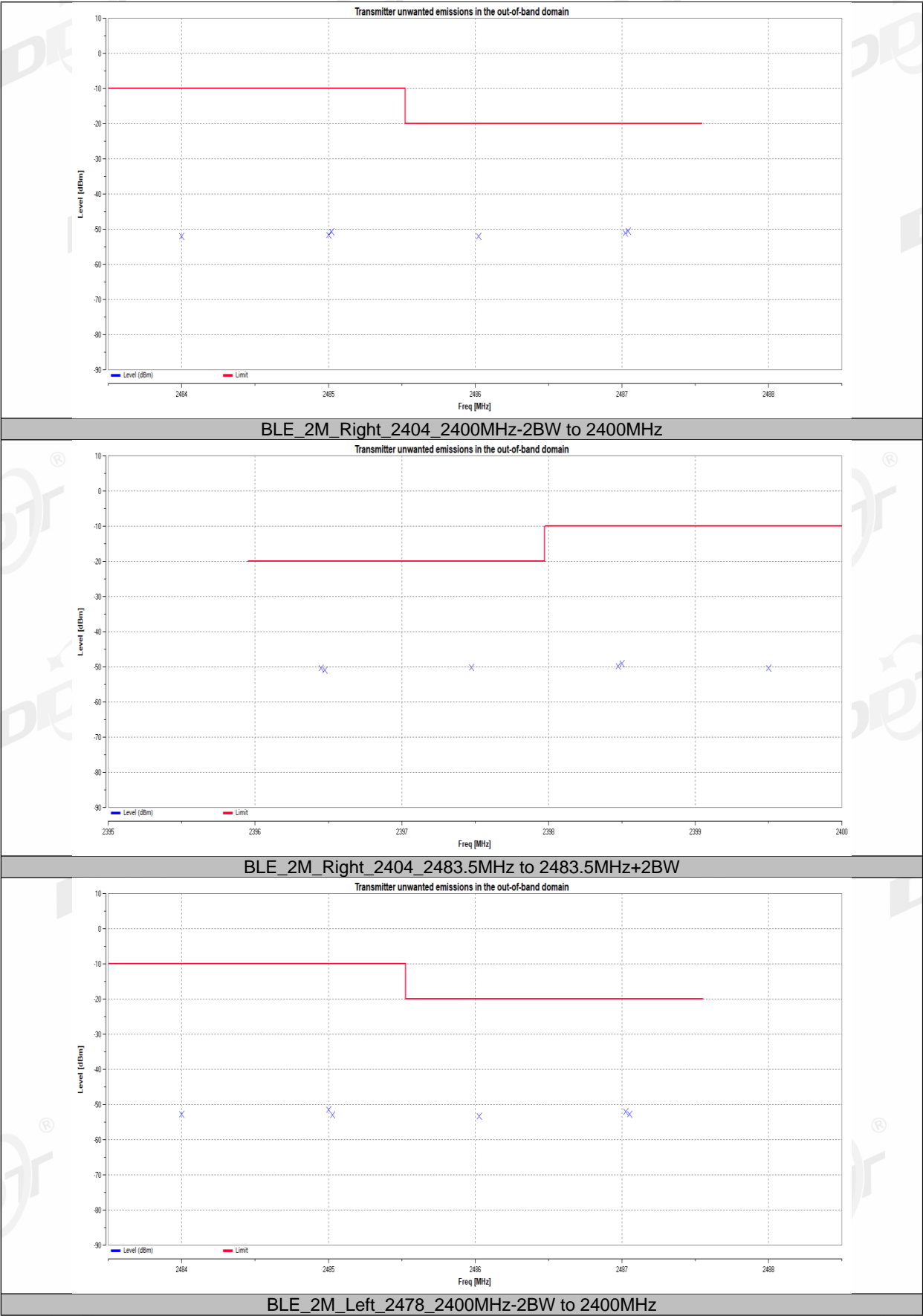
BLE_1M_Right_2480_2483.5MHz to 2483.5MHz+2BW

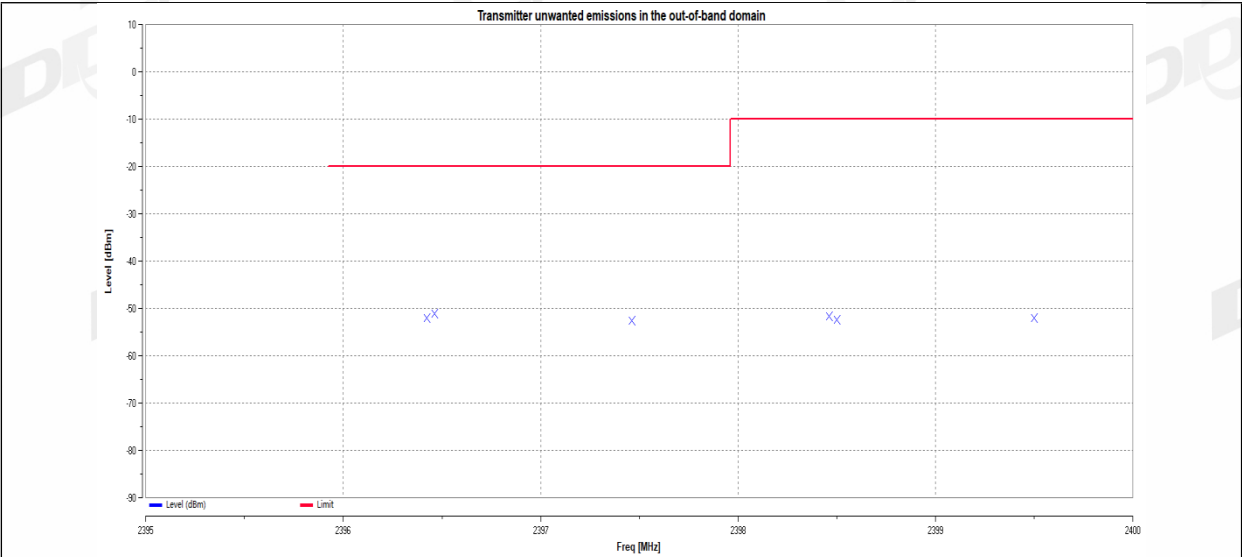


BLE_2M_Left_2404_2400MHz-2BW to 2400MHz

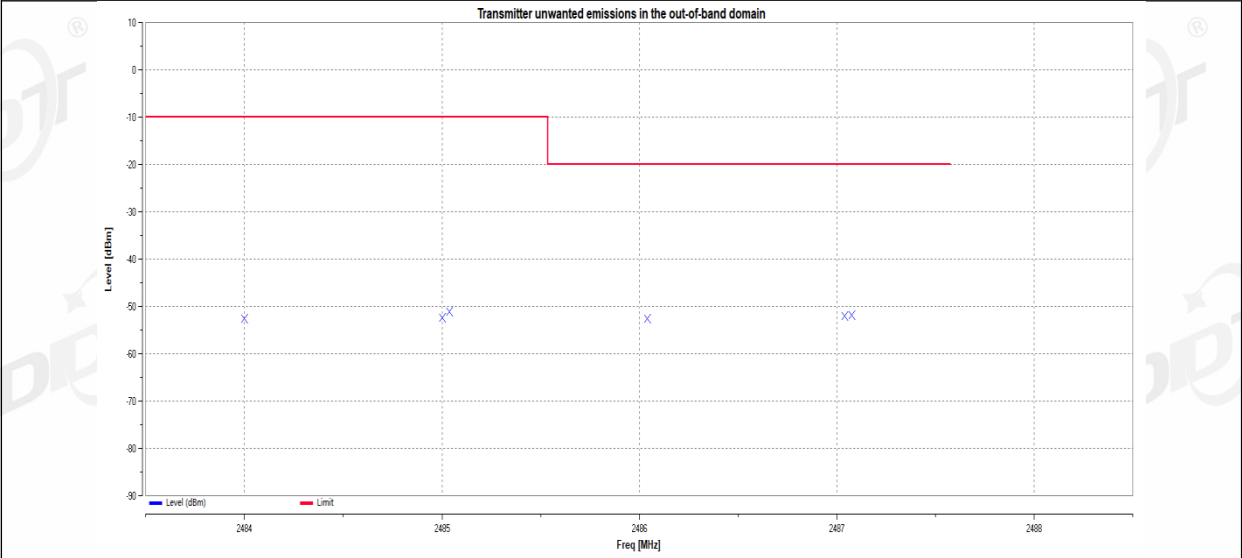


BLE_2M_Left_2404_2483.5MHz to 2483.5MHz+2BW

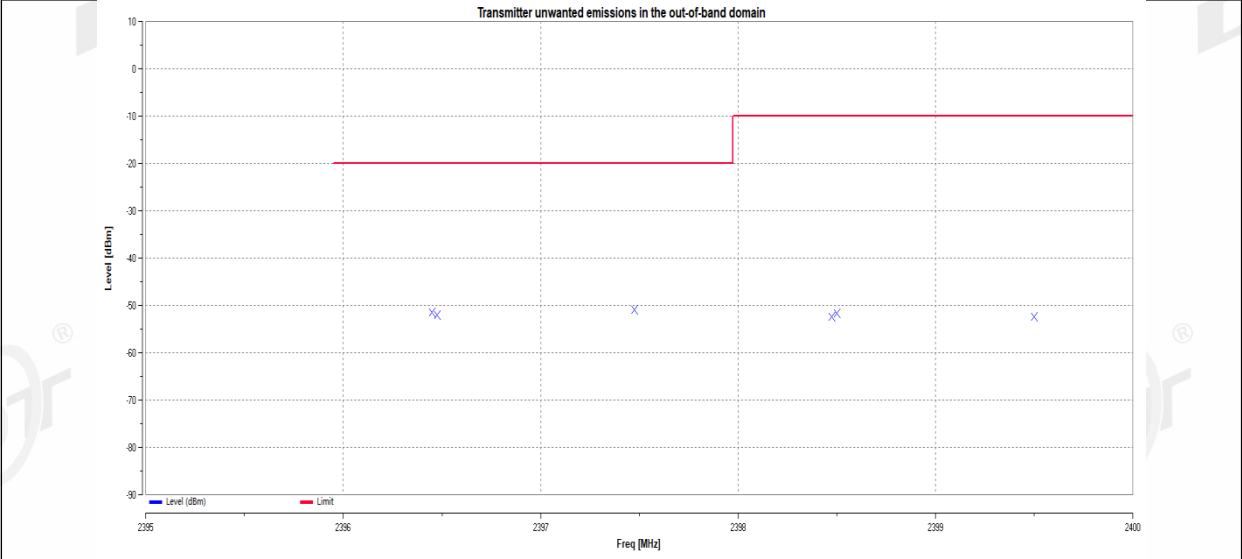




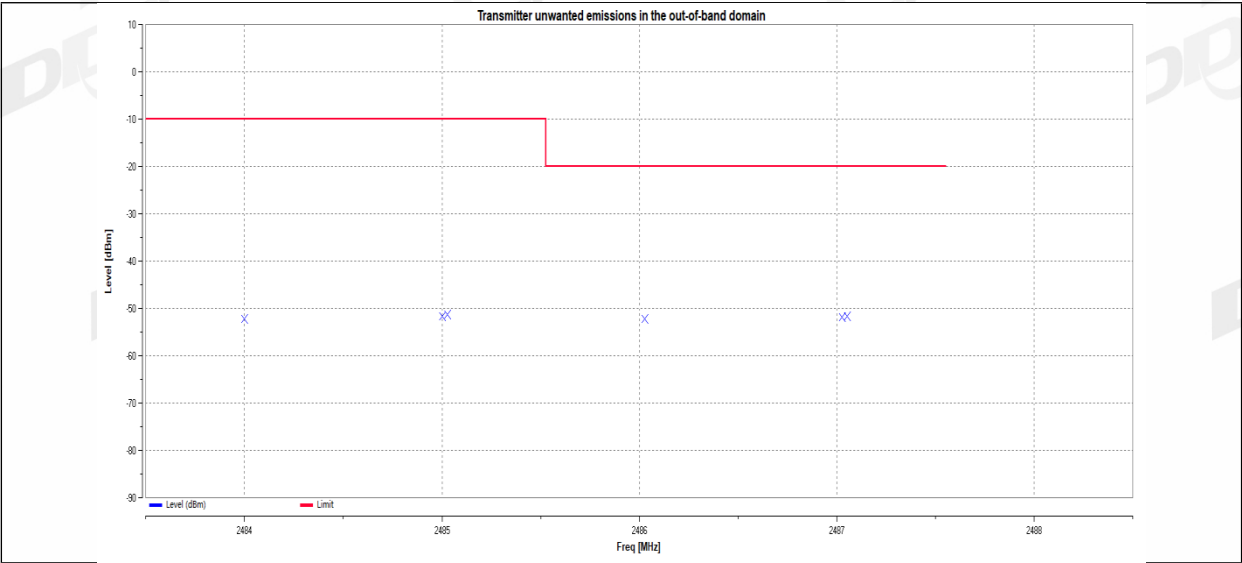
BLE_2M_Left_2478_2483.5MHz to 2483.5MHz+2BW



BLE_2M_Right_2478_2400MHz-2BW to 2400MHz

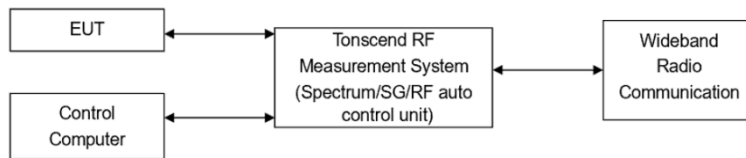


BLE_2M_Right_2478_2483.5MHz to 2483.5MHz+2BW



8. Receiver Blocking

8.1. Block diagram of test setup



8.2. Limits

This EUT belongs to:

☐ **Receiver category 1**

The following equipment shall be categorized as receiver category 1 equipment:

- Adaptive equipment with a maximum RF output power greater than 10 dBm e.i.r.p.

NOTE: Non-adaptive equipment is categorized as receiver category 2 or receiver category 3.

☒ **Receiver category 2**

The following equipment shall be categorized as receiver category 2 equipment:

- non-adaptive equipment with a Medium Utilization (MU) factor greater than 1 % and less than or equal to 10 % (irrespective of the maximum RF output power); or
- equipment (adaptive or non-adaptive) with a maximum RF output power greater than 0 dBm e.i.r.p. and less than or equal to 10 dBm e.i.r.p.

☐ **Receiver category 3**

The following equipment shall be categorized as receiver category 3 equipment:

- non-adaptive equipment with a maximum Medium Utilization (MU) factor of 1 % (irrespective of the maximum RF output power); or
- equipment (adaptive or non-adaptive) with a maximum RF output power of 0 dBm e.i.r.p.

Table 14: Receiver Blocking parameters for Receiver Category 1 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 4)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 4)	Type of blocking signal
(-133 dBm + 10 × log10(OCBW)) or -68 dBm whichever is less (see note 2)	2380 2504	-34	CW
(-139 dBm + 10 × log10(OCBW)) or -74 dBm whichever is less (see note 3)	2300 2330 2360 2524 2584 2674		
<p>NOTE 1: OCBW is in Hz.</p> <p>NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 26$ dB where P_{\min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.</p> <p>NOTE 3: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{\min} + 20$ dB where P_{\min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.</p> <p>NOTE 4: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.</p>			

Table 15: Receiver Blocking parameters receiver Category 2 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal
$(-139 \text{ dBm} + 10 \times \log_{10}(\text{OCBW}) + 10 \text{ dB})$ or $(-74 \text{ dBm} + 10 \text{ dB})$ whichever is less (see note 2)	2380 2504 2300 2584	-34	CW

NOTE 1: OCBW is in Hz.

NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative the test may be performed using a wanted signal up to $P_{\min} + 30 \text{ dB}$ where P_{\min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.

Table 16: Receiver Blocking parameters receiver Category 3 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal
$(-139 \text{ dBm} + 10 \times \log_{10}(\text{OCBW}) + 20 \text{ dB})$ or $(-74 \text{ dBm} + 20 \text{ dB})$ whichever is less (see note 2)	2380 2504 2300 2584	-34	CW

NOTE 1: OCBW is in Hz.

NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative the test may be performed using a wanted signal up to $P_{\min} + 30 \text{ dB}$ where P_{\min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.

Performance Criteria:

The minimum performance criterion shall be a PER less than or equal to 10 %.

8.3. Test procedure

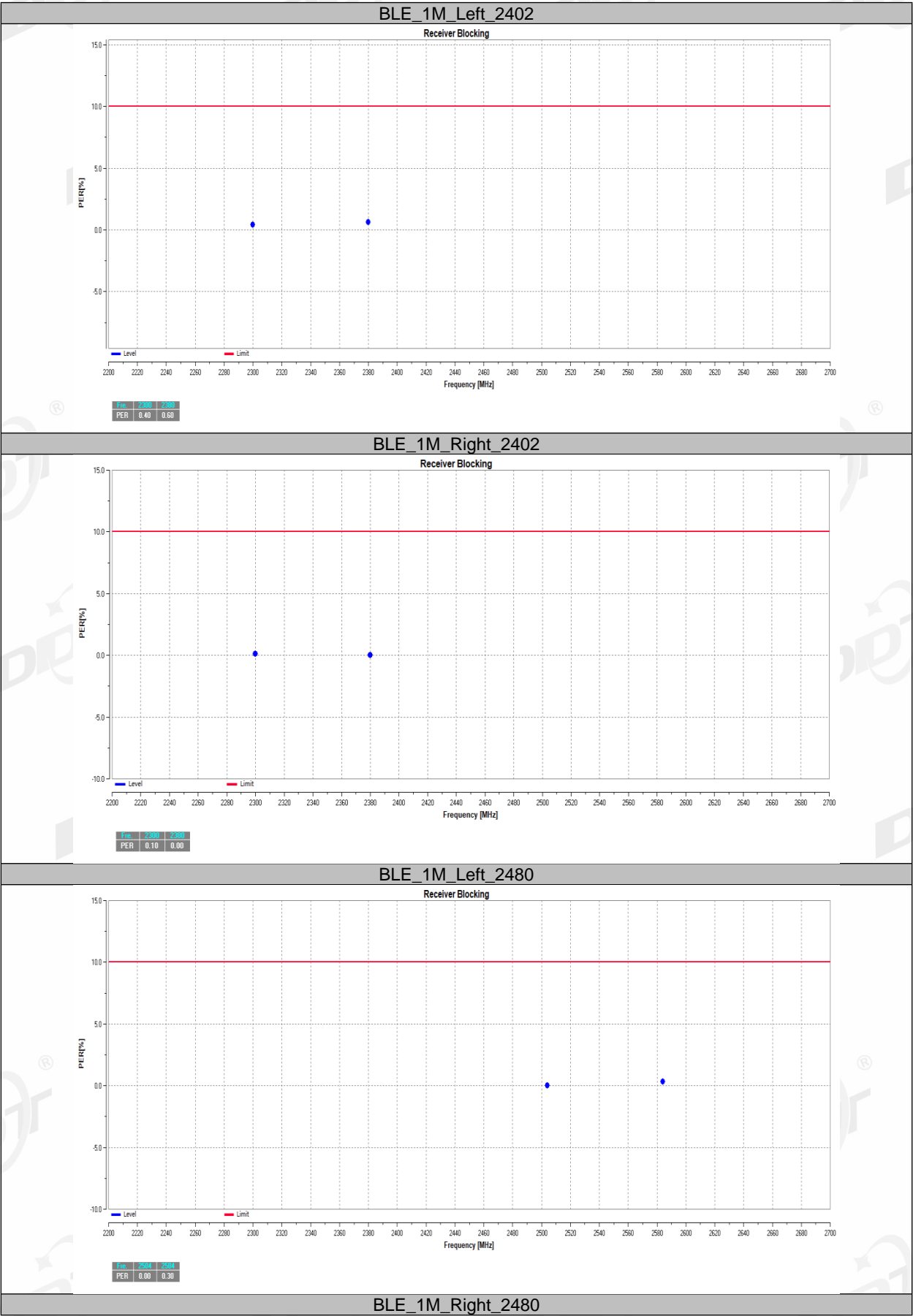
Refer to EN 300 328 V2.2.2 clause 5.4.11.2.1

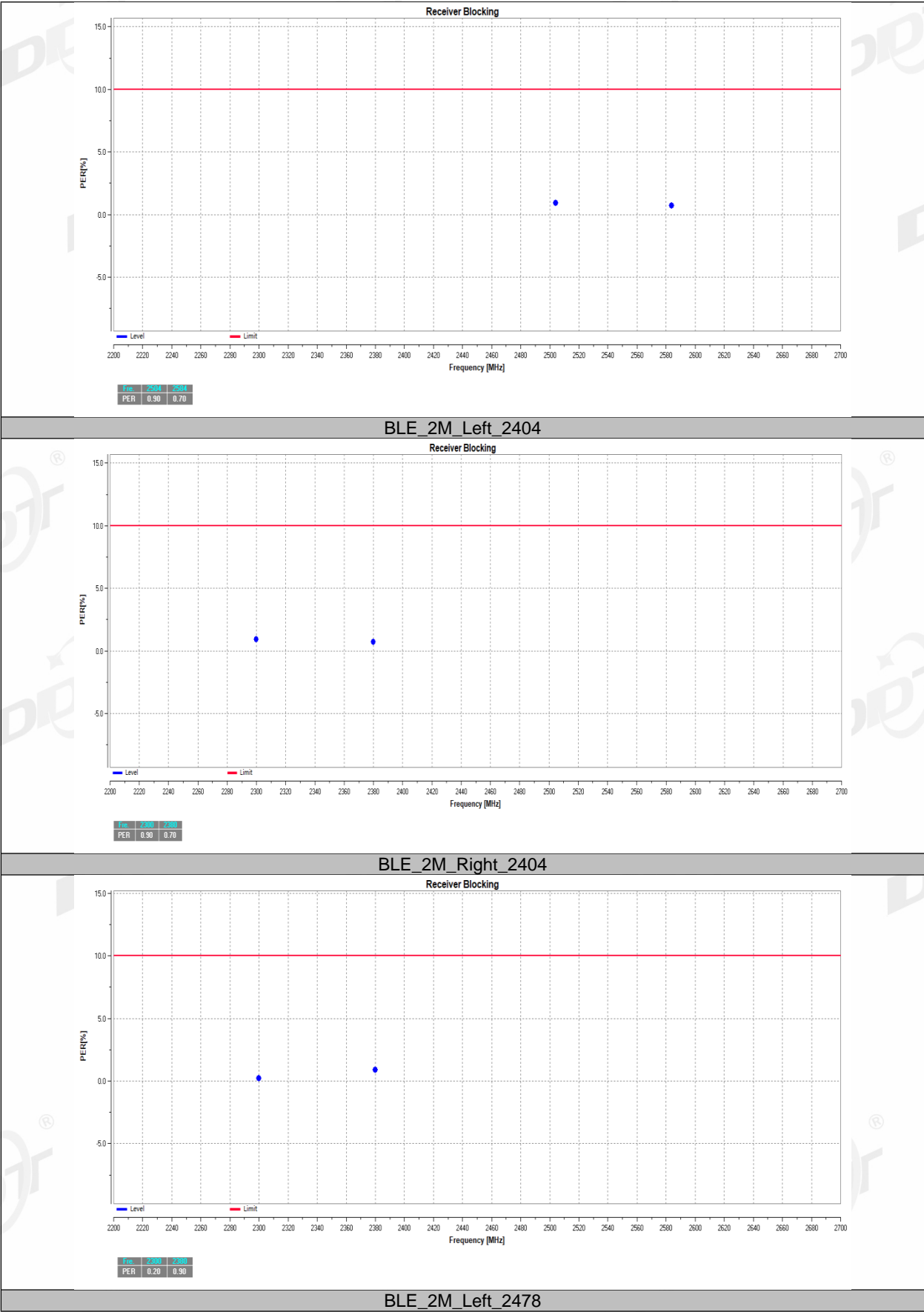
8.4. Test result

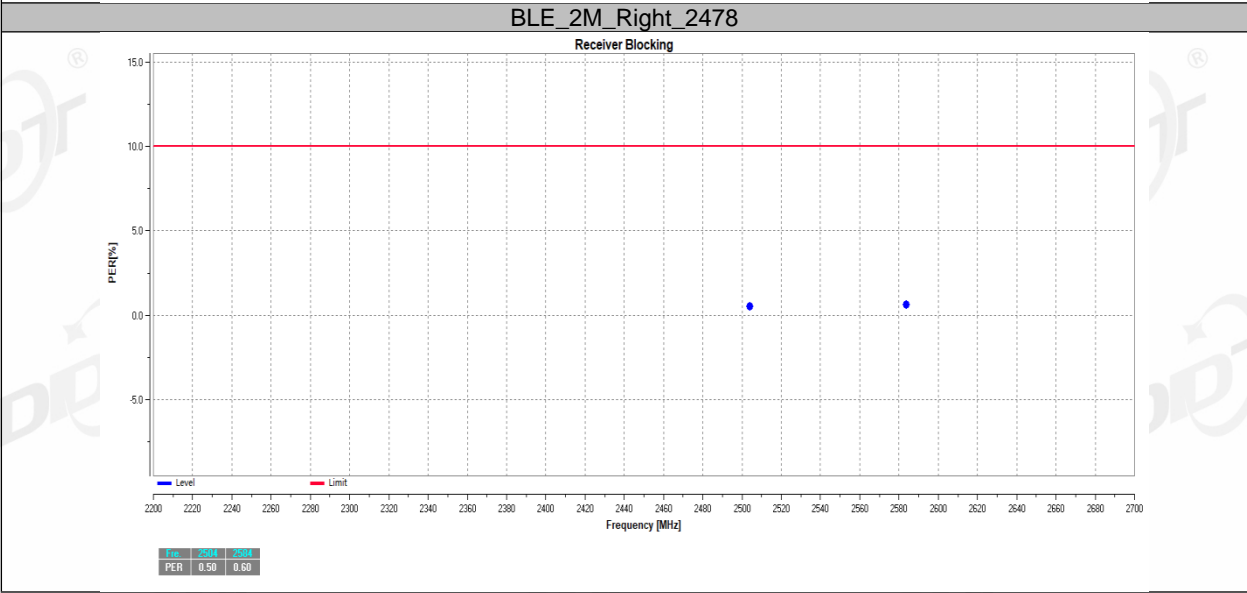
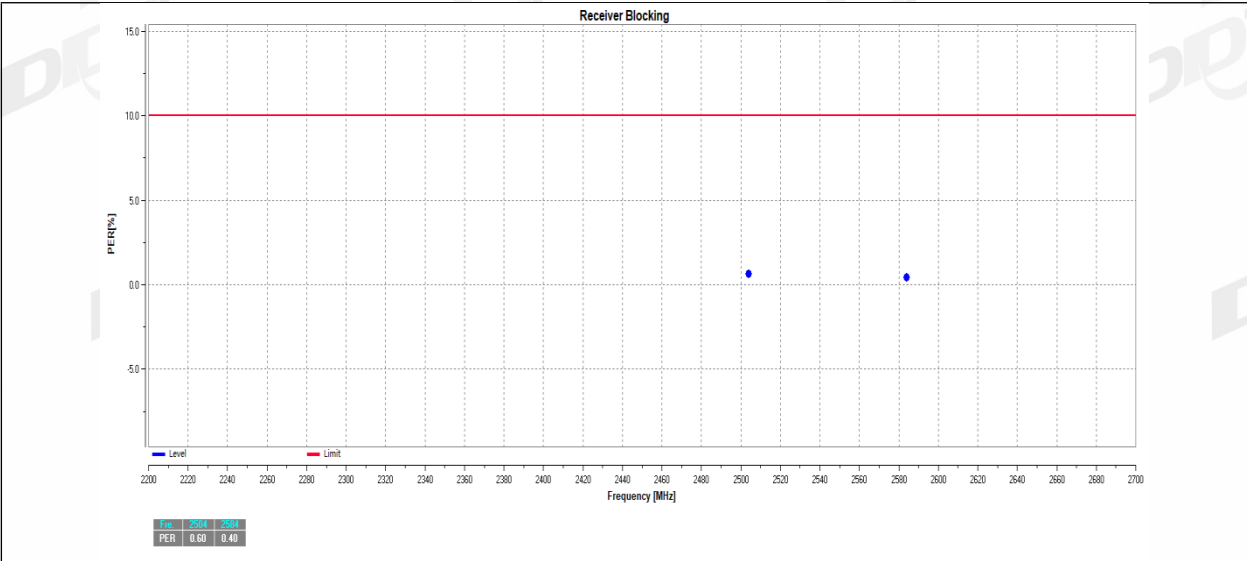
Test Engineer:	Zeng Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	24.0℃,32.7%RH	Test Date:	2025.11.08
Test Power Supply:	Battery	Sample Number:	s25103101-028

TestMode	Antenna	Frequency [MHz]	Pmin [dBm]	Wanted signal [dBm]	Freq. [MHz]	CW [dBm]	PER [%]	Limit [%]	Verdict
BLE_1M	Left	2402	---	-69.52	2300	-34.65	0.40	≤10	PASS
			---	-69.52	2380	-34.65	0.60	≤10	PASS
	Right	2402	---	-68.88	2300	-35.63	0.10	≤10	PASS
			---	-68.88	2380	-35.63	0.00	≤10	PASS
	Left	2480	---	-69.5	2504	-34.65	0.00	≤10	PASS
			---	-69.5	2584	-34.65	0.30	≤10	PASS
	Right	2480	---	-68.88	2504	-35.63	0.90	≤10	PASS
			---	-68.88	2584	-35.63	0.70	≤10	PASS
BLE_2M	Left	2404	---	-66.59	2300	-34.65	0.90	≤10	PASS
			---	-66.59	2380	-34.65	0.70	≤10	PASS
	Right	2404	---	-65.93	2300	-35.63	0.20	≤10	PASS
			---	-65.93	2380	-35.63	0.90	≤10	PASS
	Left	2478	---	-66.56	2504	-34.65	0.60	≤10	PASS
			---	-66.56	2584	-34.65	0.40	≤10	PASS
	Right	2478	---	-65.93	2504	-35.63	0.50	≤10	PASS
			---	-65.93	2584	-35.63	0.60	≤10	PASS

8.5. Test graphs





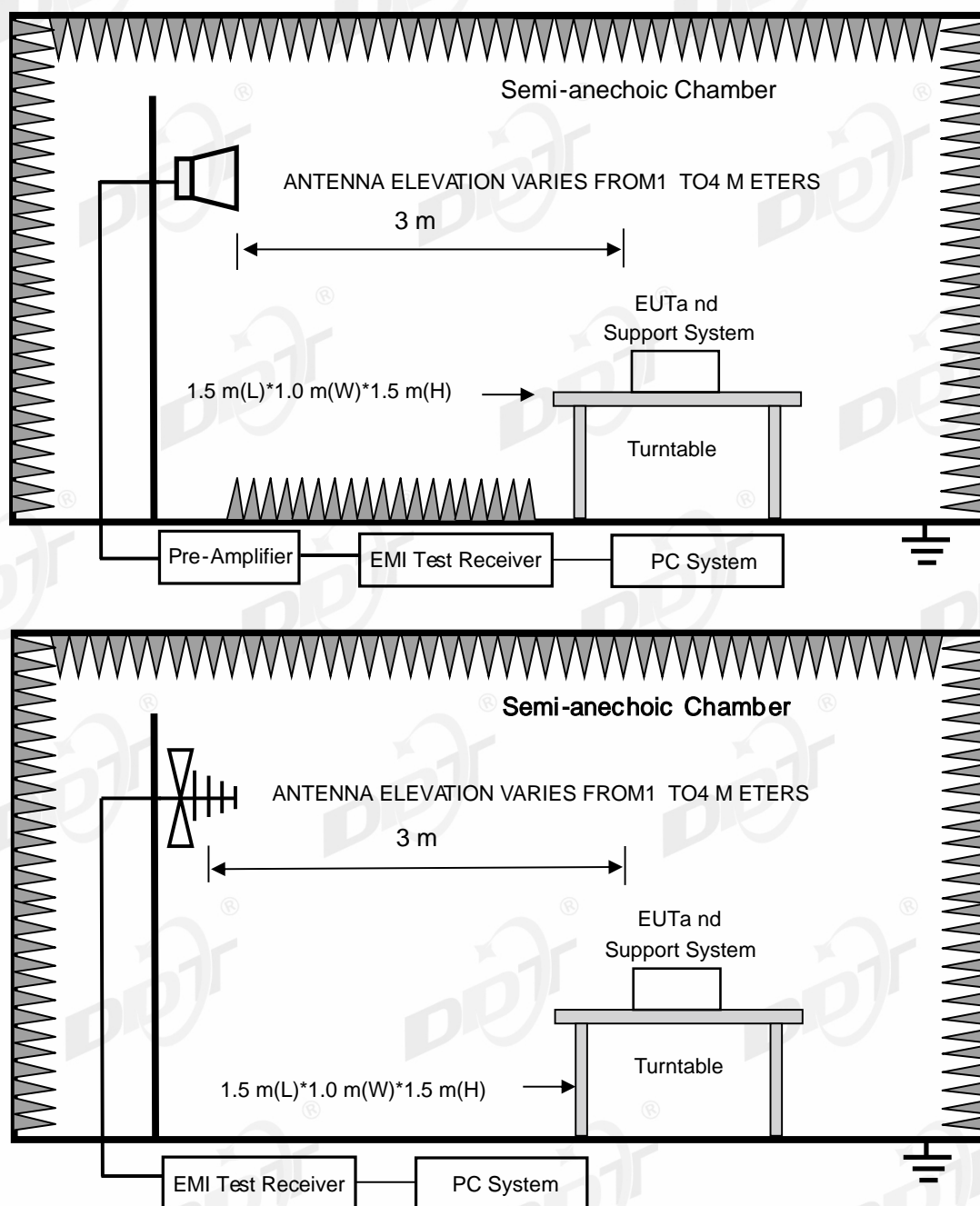


9. Transmitter unwanted emissions in the spurious domain

9.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
Radiation disturbance fully automated test software	Tonscend	JS32-RE	DDT-ZC02739	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2026/07/06
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	/
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/10/10
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2026/08/11
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28

9.2. Block diagram of test setup



9.3. Limits

Frequency Range	Maximum power, e.r.p (≤ 1 GHz); e.i.r.p (> 1 GHz)	Bandwidth
30MHz to 47MHz	-36 dBm	100kHz
47MHz to 74MHz	-54 dBm	100kHz
74MHz to 87.5MHz	-36 dBm	100kHz
87.5MHz to 118MHz	-54 dBm	100kHz
118MHz to 174MHz	-36 dBm	100kHz

174MHz to 230MHz	-54 dBm	100kHz
230MHz to 470MHz	-36 dBm	100kHz
470 MHz to 694 MHz	-54 dBm	100kHz
694 MHz to 1 GHz	-36 dBm	100kHz
1GHz to 12.75GHz	-30 dBm	1MHz

9.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

9.5. Test procedure

(1) EUT was placed on a non-metallic table, 1.5m above the ground plane inside a semi-anechoic chamber.

(2) Test antenna was located 3m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used
30MHz-1GHz	Trilog Broadband Antenna
1GHz-12.75GHz	Double Ridged Horn Antenna

(3) Set EUT work in fixed channel transmitting mode.

(4) All the emissions from 30MHz to 12.75GHz at 3m distance was measured and recorded with receive antenna in both vertical and horizontal and varied from 1 m to 4 m. in height above the reference ground plane, and rotating the turntable obtain the maximum signal strength., the test spectrum analyser was set as below

Frequency band	RBW	VBW	Detector mode
30MHz-1GHz	100kHz	300kHz	Peak
1GHz-12.75GHz	1MHz	3MHz	Peak

Note: For harmonic emissions test an appropriate high pass filter was inserted in the input port of AMP.

(5) A correction values from a verified site calibration was used to calculate the spurious emissions of EUT.

(6) Scan with all mode, the worst case is recorded in this report.

9.6. Test result

PASS. (See below detailed test result)

9.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbin

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

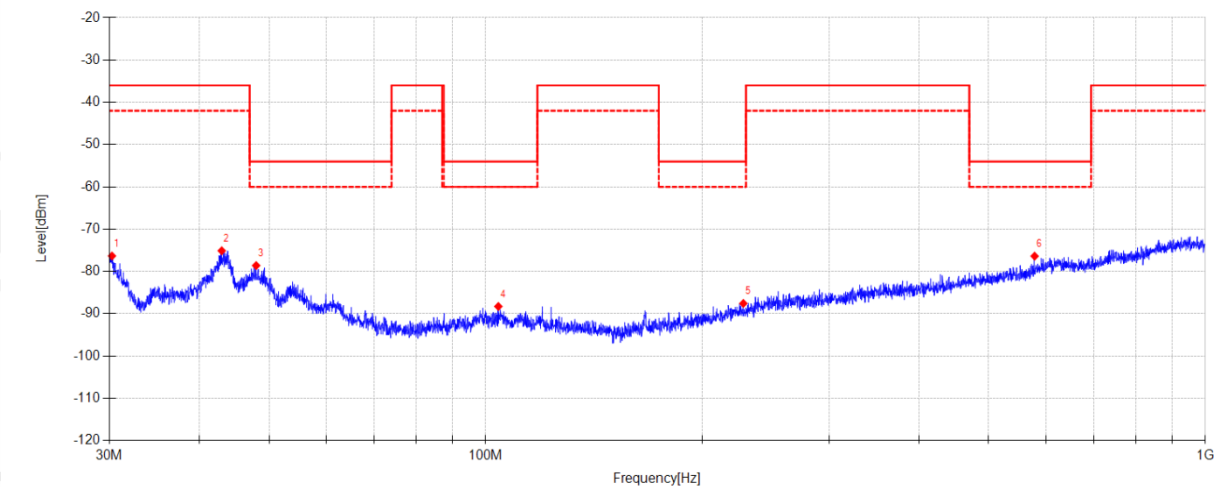
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\25

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.253	37.92	-114.26	-76.34	-36.00	40.34	PK	Horizontal	ERP
2	42.987	36.90	-112.01	-75.11	-36.00	39.11	PK	Horizontal	ERP
3	47.989	32.76	-111.37	-78.61	-54.00	24.61	PK	Horizontal	ERP
4	104.144	28.17	-116.45	-88.28	-54.00	34.28	PK	Horizontal	ERP
5	228.078	26.78	-114.34	-87.56	-54.00	33.56	PK	Horizontal	ERP
6	579.139	29.41	-105.79	-76.38	-54.00	22.38	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 Tested By: Li Xiongbin

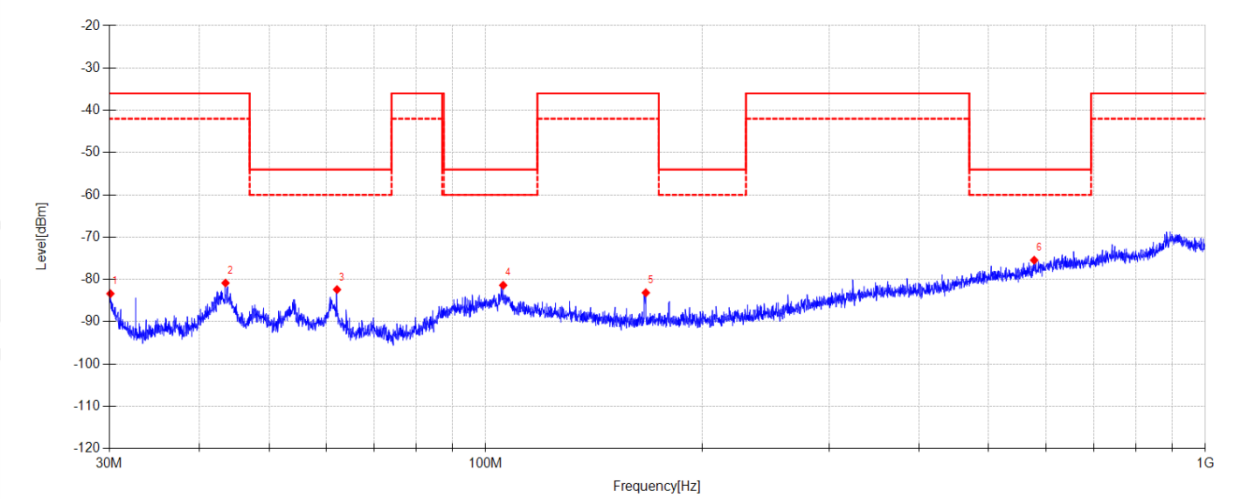
EUT: BLUETOOTH HEADSET Model Number: LIVE BEAM 4

Test Mode: TX BLE2M 2478MHz Mode Power Supply: Battery

Condition: Temp:22.3°C;Humi:54.4% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\26

Memo: Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.105	34.48	-117.85	-83.37	-36.00	47.37	PK	Vertical	ERP
2	43.502	35.66	-116.50	-80.84	-36.00	44.84	PK	Vertical	ERP
3	62.160	34.08	-116.48	-82.40	-54.00	28.40	PK	Vertical	ERP
4	105.763	30.26	-111.63	-81.37	-54.00	27.37	PK	Vertical	ERP
5	166.945	31.56	-114.70	-83.14	-36.00	47.14	PK	Vertical	ERP
6	578.328	28.26	-103.71	-75.45	-54.00	21.45	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

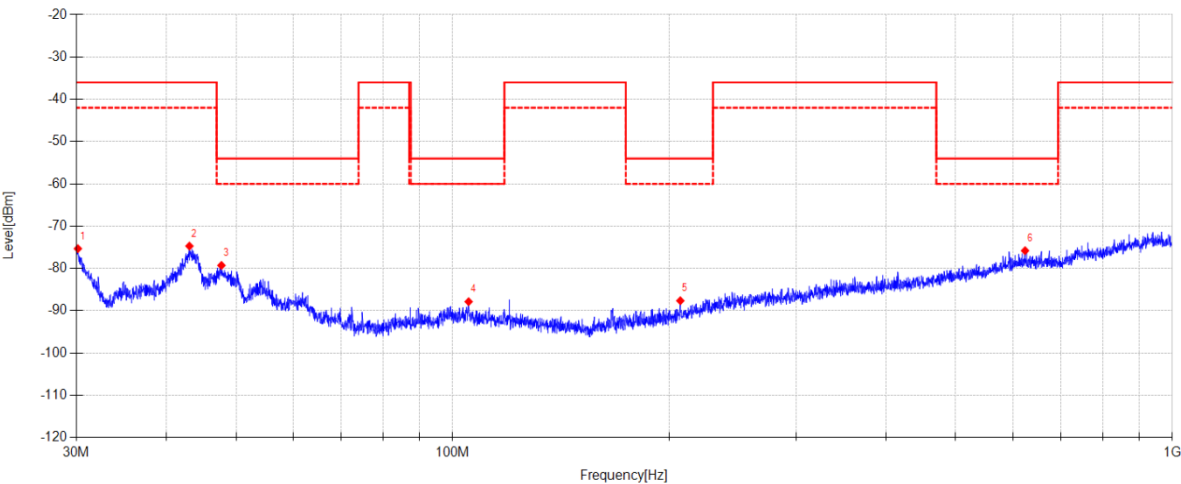
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\27

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.148	38.95	-114.27	-75.32	-36.00	39.32	PK	Horizontal	ERP
2	43.078	37.29	-112.00	-74.71	-36.00	38.71	PK	Horizontal	ERP
3	47.721	32.13	-111.41	-79.28	-54.00	25.28	PK	Horizontal	ERP
4	105.245	28.68	-116.53	-87.85	-54.00	33.85	PK	Horizontal	ERP
5	207.188	28.15	-115.78	-87.63	-54.00	33.63	PK	Horizontal	ERP
6	624.261	28.93	-104.73	-75.80	-54.00	21.80	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

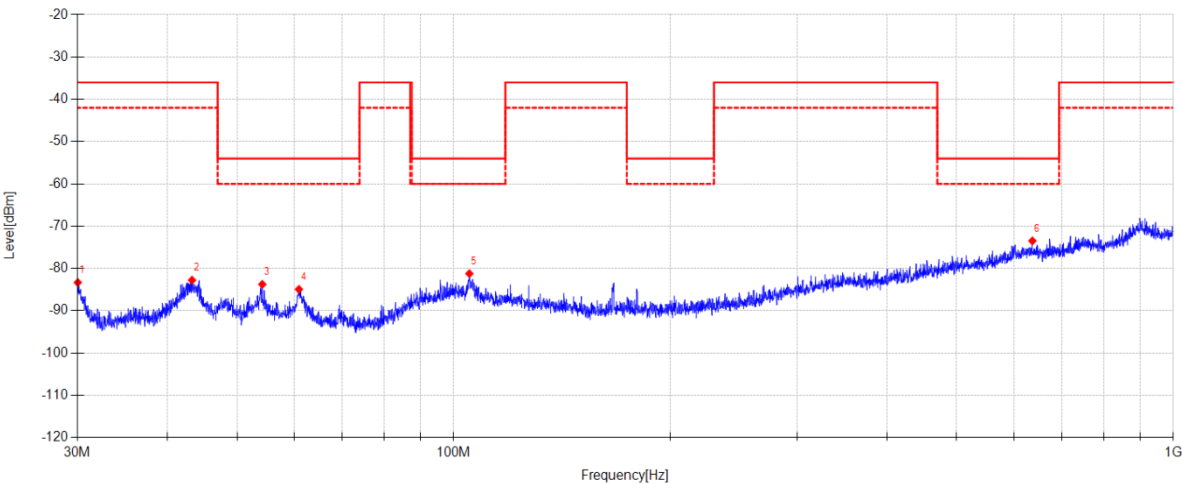
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\28

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.042	34.54	-117.86	-83.32	-36.00	47.32	PK	Vertical	ERP
2	43.289	33.75	-116.52	-82.77	-36.00	46.77	PK	Vertical	ERP
3	54.217	32.13	-115.89	-83.76	-54.00	29.76	PK	Vertical	ERP
4	60.952	31.19	-116.12	-84.93	-54.00	30.93	PK	Vertical	ERP
5	105.172	30.36	-111.59	-81.23	-54.00	27.23	PK	Vertical	ERP
6	637.084	28.79	-102.27	-73.48	-54.00	19.48	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbin

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

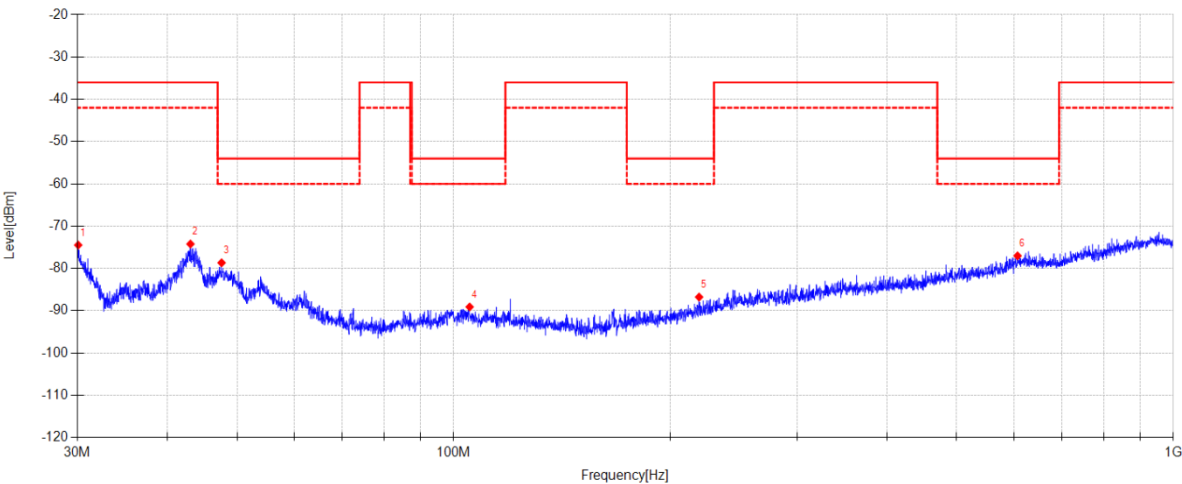
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\29

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.084	39.81	-114.29	-74.48	-36.00	38.48	PK	Horizontal	ERP
2	43.078	37.78	-112.00	-74.22	-36.00	38.22	PK	Horizontal	ERP
3	47.587	32.76	-111.42	-78.66	-54.00	24.66	PK	Horizontal	ERP
4	105.245	27.43	-116.53	-89.10	-54.00	35.10	PK	Horizontal	ERP
5	219.296	28.19	-114.95	-86.76	-54.00	32.76	PK	Horizontal	ERP
6	607.421	27.79	-104.81	-77.02	-54.00	23.02	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

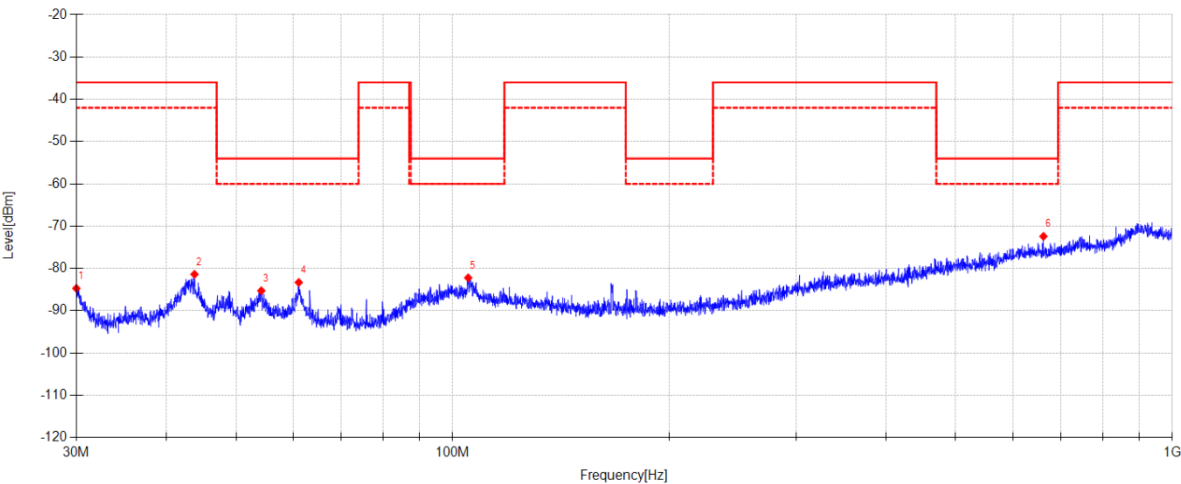
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\30

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.000	33.15	-117.86	-84.71	-36.00	48.71	PK	Vertical	ERP
2	43.778	35.10	-116.48	-81.38	-36.00	45.38	PK	Vertical	ERP
3	54.217	30.61	-115.89	-85.28	-54.00	31.28	PK	Vertical	ERP
4	61.123	32.86	-116.17	-83.31	-54.00	29.31	PK	Vertical	ERP
5	105.098	29.36	-111.58	-82.22	-54.00	28.22	PK	Vertical	ERP
6	662.133	29.79	-102.20	-72.41	-54.00	18.41	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

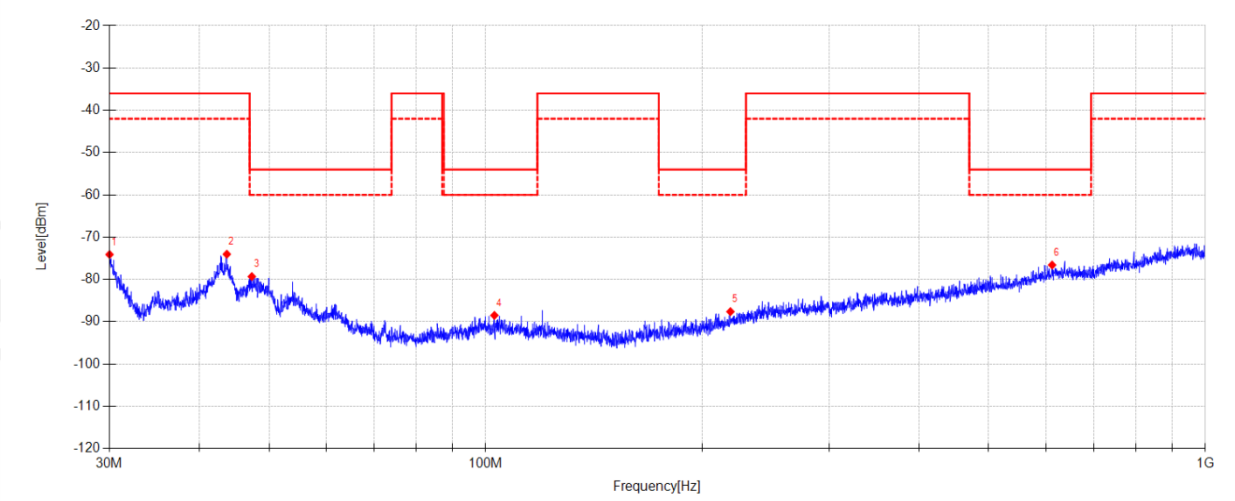
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\31

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.021	40.19	-114.30	-74.11	-36.00	38.11	PK	Horizontal	ERP
2	43.686	37.89	-111.92	-74.03	-36.00	38.03	PK	Horizontal	ERP
3	47.321	32.15	-111.46	-79.31	-54.00	25.31	PK	Horizontal	ERP
4	102.838	27.86	-116.36	-88.50	-54.00	34.50	PK	Horizontal	ERP
5	218.835	27.36	-114.98	-87.62	-54.00	33.62	PK	Horizontal	ERP
6	612.554	28.20	-104.79	-76.59	-54.00	22.59	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:2025-11-12

Tested By:Li Xiongbín

EUT:BLUETOOTH HEADSET

Model Number:LIVE BEAM 4

Test Mode:TX BLE1M 2480MHz Mode

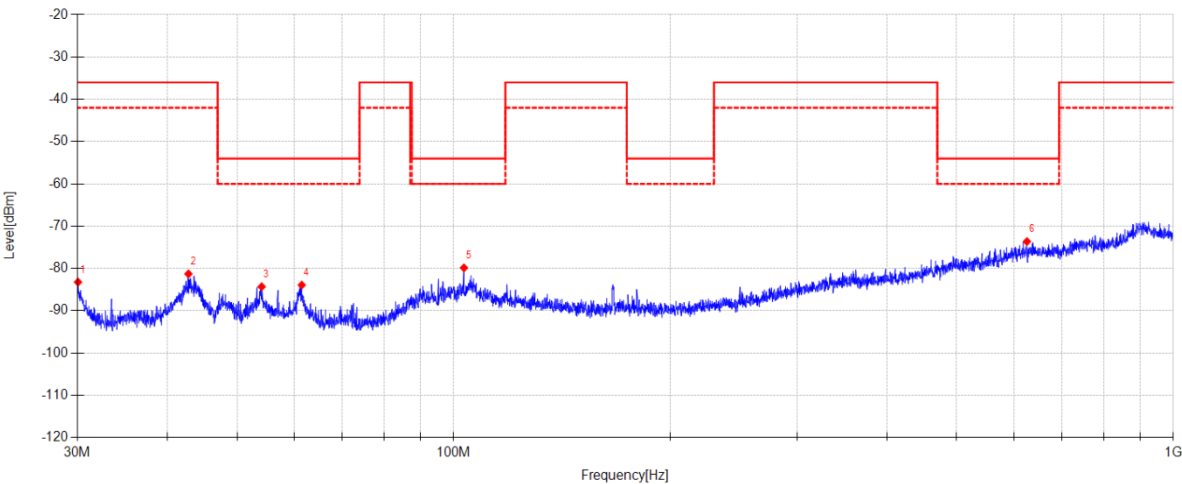
Power Supply:Battery

Condition:Temp:22.3°C;Humi:54.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\32

Memo:Left Side Sample Number:S25103101-014



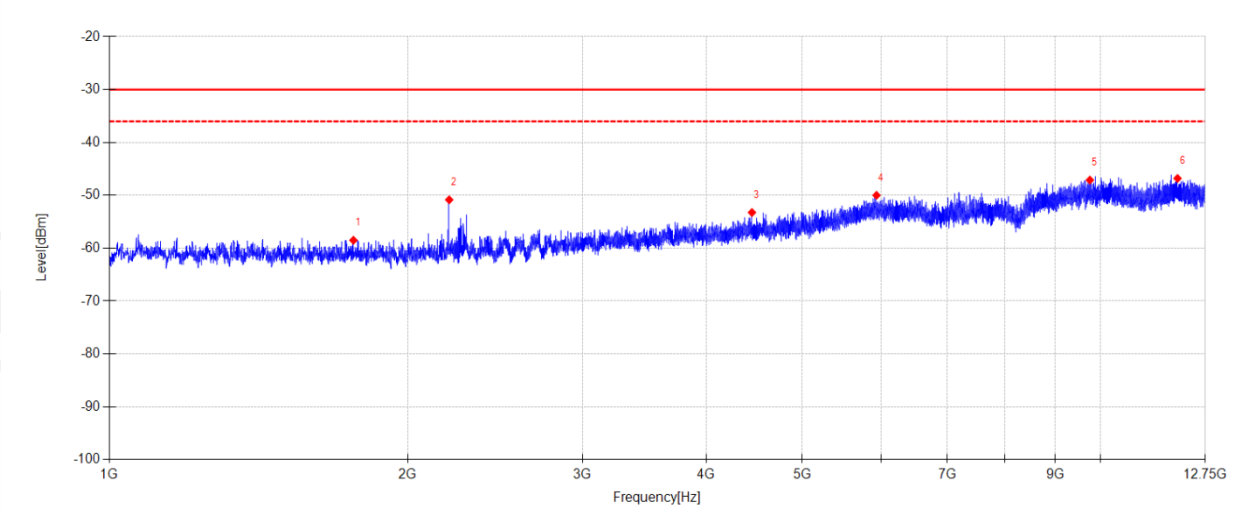
Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.063	34.63	-117.85	-83.22	-36.00	47.22	PK	Vertical	ERP
2	42.807	35.27	-116.56	-81.29	-36.00	45.29	PK	Vertical	ERP
3	54.103	31.57	-115.89	-84.32	-54.00	30.32	PK	Vertical	ERP
4	61.510	32.36	-116.28	-83.92	-54.00	29.92	PK	Vertical	ERP
5	103.344	31.59	-111.45	-79.86	-54.00	25.86	PK	Vertical	ERP
6	626.014	28.79	-102.42	-73.63	-54.00	19.63	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 Tested By: Li Xiongbin
EUT: BLUETOOTH HEADSET Model Number: LIVE BEAM 4
Test Mode: TX BLE1M 2402MHz Mode Power Supply: Battery
Condition: Temp:22.3°C;Humi:54.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\17
Memo: Left Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1762.771	46.13	-104.64	-58.51	-30.00	28.51	PK	Horizontal	EIRP
2	2201.927	53.44	-104.29	-50.85	-30.00	20.85	PK	Horizontal	EIRP
3	4448.135	46.61	-99.86	-53.25	-30.00	23.25	PK	Horizontal	EIRP
4	5940.385	44.36	-94.36	-50.00	-30.00	20.00	PK	Horizontal	EIRP
5	9751.792	42.09	-89.21	-47.12	-30.00	17.12	PK	Horizontal	EIRP
6	11953.448	41.69	-88.49	-46.80	-30.00	16.80	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

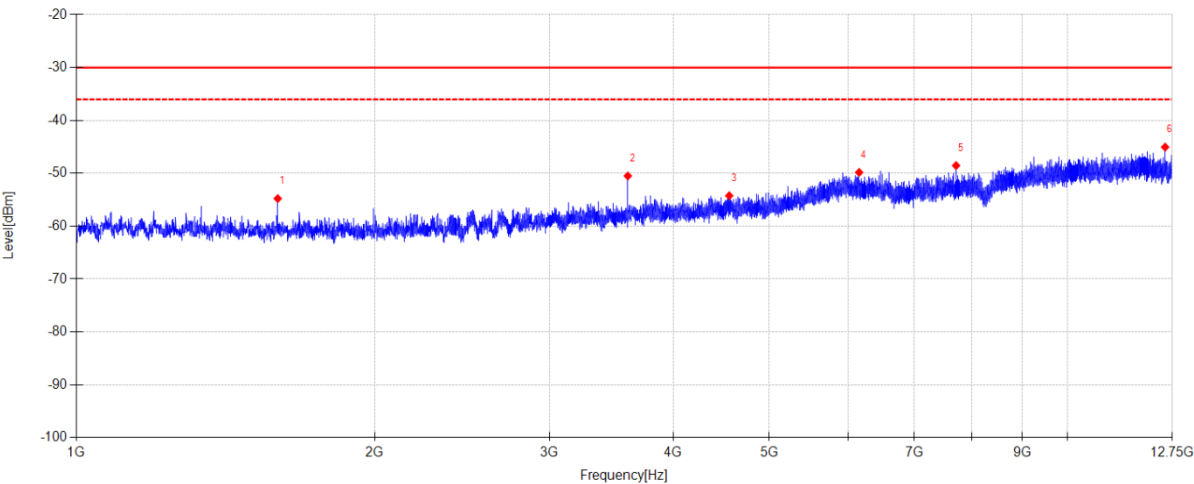
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\18

Memo:

Left Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1596.313	49.51	-104.29	-54.78	-30.00	24.78	PK	Vertical	EIRP
2	3599.688	51.22	-101.72	-50.50	-30.00	20.50	PK	Vertical	EIRP
3	4555.844	45.62	-99.86	-54.24	-30.00	24.24	PK	Vertical	EIRP
4	6160.698	44.37	-94.20	-49.83	-30.00	19.83	PK	Vertical	EIRP
5	7716.104	45.01	-93.55	-48.54	-30.00	18.54	PK	Vertical	EIRP
6	12538.990	43.04	-88.08	-45.04	-30.00	15.04	PK	Vertical	EIRP

Note:

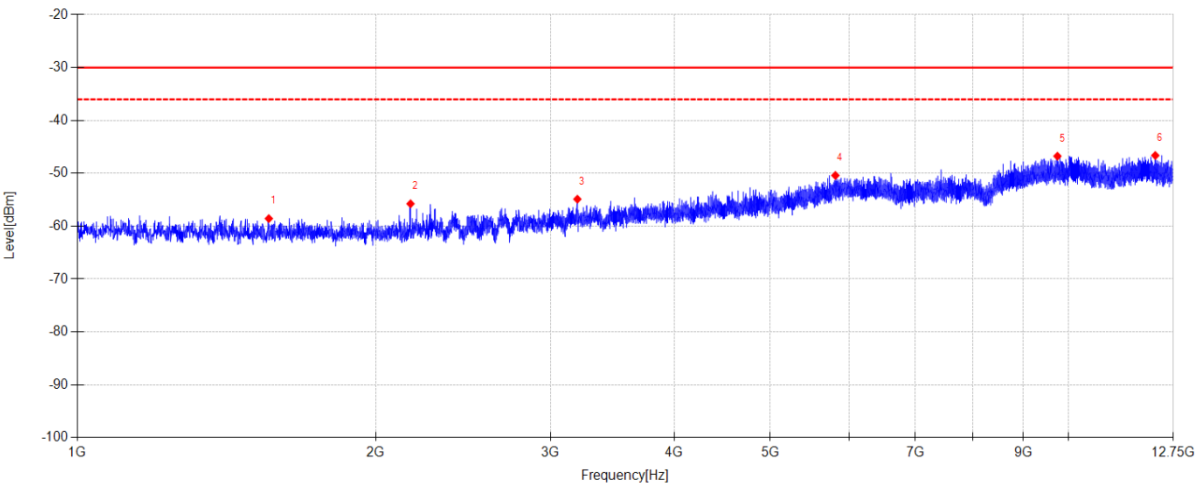
1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 Tested By: Li Xiongbin
EUT: BLUETOOTH HEADSET Model Number: LIVE BEAM 4
Test Mode: TX BLE1M 2480MHz Mode Power Supply: Battery
Condition: Temp:22.3°C;Humi:54.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\19
Memo: Left Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1560.083	46.02	-104.59	-58.57	-30.00	28.57	PK	Horizontal	EIRP
2	2168.146	48.59	-104.36	-55.77	-30.00	25.77	PK	Horizontal	EIRP
3	3194.313	47.49	-102.38	-54.89	-30.00	24.89	PK	Horizontal	EIRP
4	5816.031	44.48	-94.89	-50.41	-30.00	20.41	PK	Horizontal	EIRP
5	9740.531	42.45	-89.21	-46.76	-30.00	16.76	PK	Horizontal	EIRP
6	12226.635	41.80	-88.43	-46.63	-30.00	16.63	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

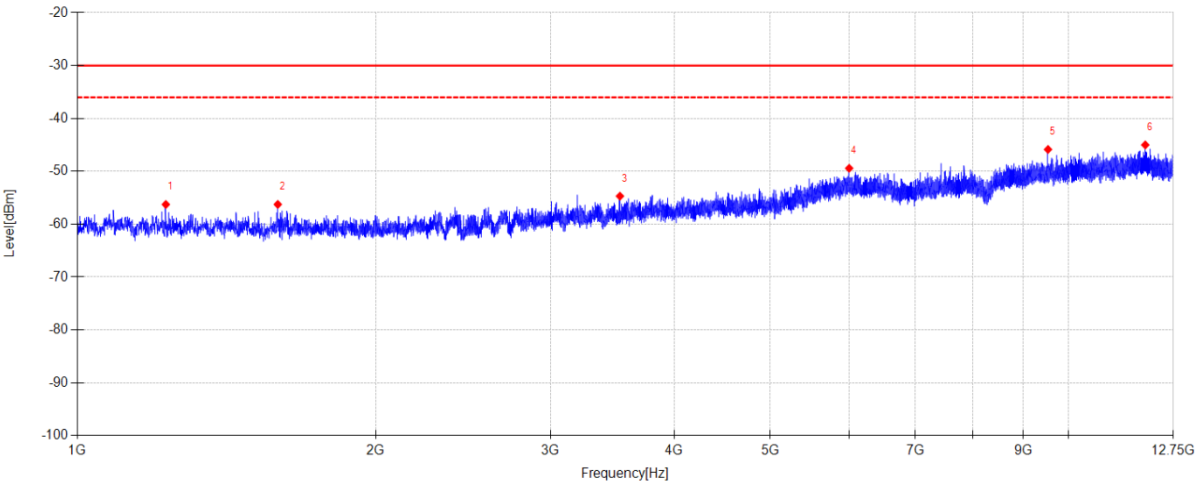
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\20

Memo:

Left Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1228.146	47.87	-104.14	-56.27	-30.00	26.27	PK	Vertical	EIRP
2	1592.885	48.03	-104.29	-56.26	-30.00	26.26	PK	Vertical	EIRP
3	3526.250	47.13	-101.83	-54.70	-30.00	24.70	PK	Vertical	EIRP
4	6005.010	44.65	-94.08	-49.43	-30.00	19.43	PK	Vertical	EIRP
5	9530.010	43.89	-89.76	-45.87	-30.00	15.87	PK	Vertical	EIRP
6	11945.615	42.90	-87.91	-45.01	-30.00	15.01	PK	Vertical	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

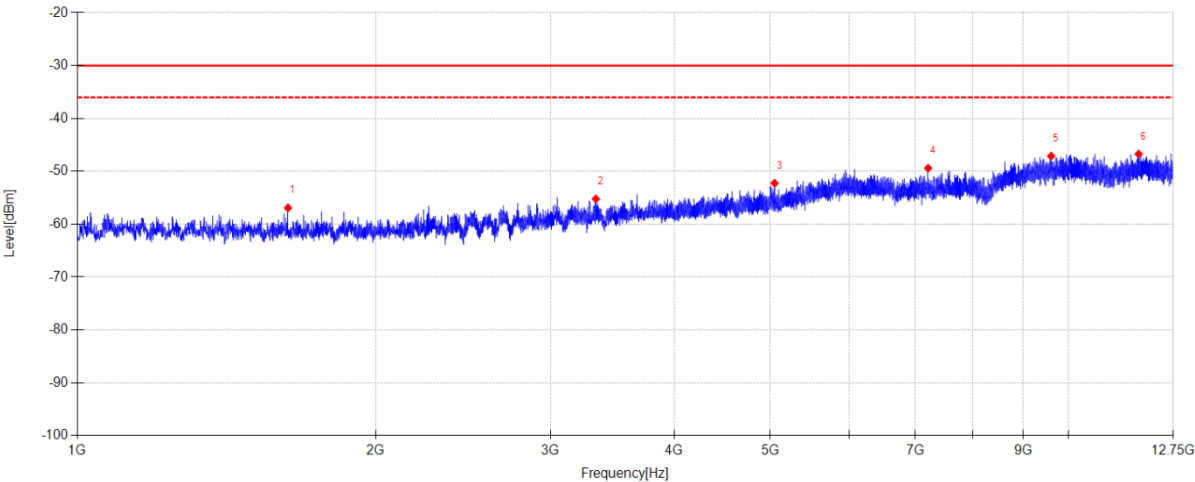
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\21

Memo:

Left Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1631.073	47.68	-104.61	-56.93	-30.00	26.93	PK	Horizontal	EIRP
2	3334.333	46.93	-102.15	-55.22	-30.00	25.22	PK	Horizontal	EIRP
3	5050.323	45.88	-98.13	-52.25	-30.00	22.25	PK	Horizontal	EIRP
4	7213.792	45.02	-94.43	-49.41	-30.00	19.41	PK	Horizontal	EIRP
5	9601.490	42.18	-89.30	-47.12	-30.00	17.12	PK	Horizontal	EIRP
6	11763.000	41.93	-88.66	-46.73	-30.00	16.73	PK	Horizontal	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

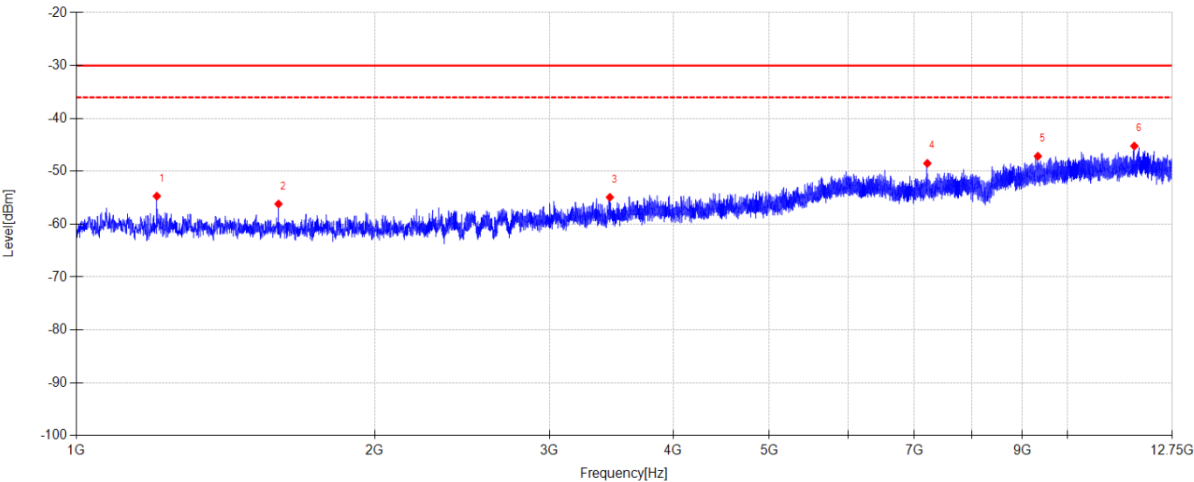
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\22

Memo:

Left Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1205.625	49.44	-104.14	-54.70	-30.00	24.70	PK	Vertical	EIRP
2	1599.250	48.10	-104.28	-56.18	-30.00	26.18	PK	Vertical	EIRP
3	3452.813	47.03	-101.94	-54.91	-30.00	24.91	PK	Vertical	EIRP
4	7217.708	45.94	-94.44	-48.50	-30.00	18.50	PK	Vertical	EIRP
5	9330.260	42.70	-89.85	-47.15	-30.00	17.15	PK	Vertical	EIRP
6	11672.427	42.72	-87.94	-45.22	-30.00	15.22	PK	Vertical	EIRP

Note:

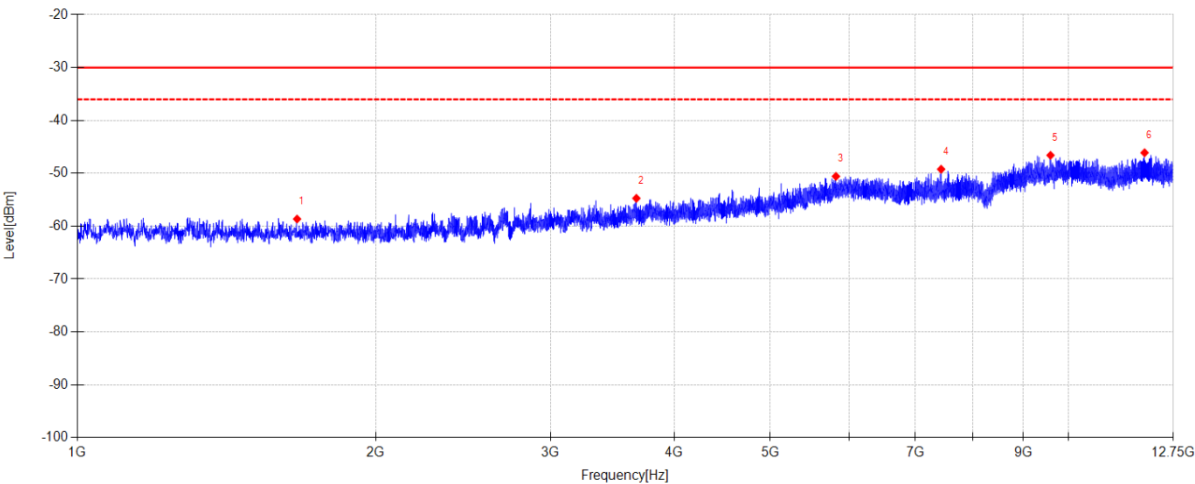
1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 Tested By: Li Xiongbin
EUT: BLUETOOTH HEADSET Model Number: LIVE BEAM 4
Test Mode: TX BLE2M 2478MHz Mode Power Supply: Battery
Condition: Temp:22.3°C;Humi:54.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\23
Memo: Left Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1665.833	45.96	-104.61	-58.65	-30.00	28.65	PK	Horizontal	EIRP
2	3663.333	46.90	-101.63	-54.73	-30.00	24.73	PK	Horizontal	EIRP
3	5823.865	44.28	-94.86	-50.58	-30.00	20.58	PK	Horizontal	EIRP
4	7435.573	44.92	-94.15	-49.23	-30.00	19.23	PK	Horizontal	EIRP
5	9585.823	42.72	-89.31	-46.59	-30.00	16.59	PK	Horizontal	EIRP
6	11926.521	42.40	-88.51	-46.11	-30.00	16.11	PK	Horizontal	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 Tested By: Li Xiongbin

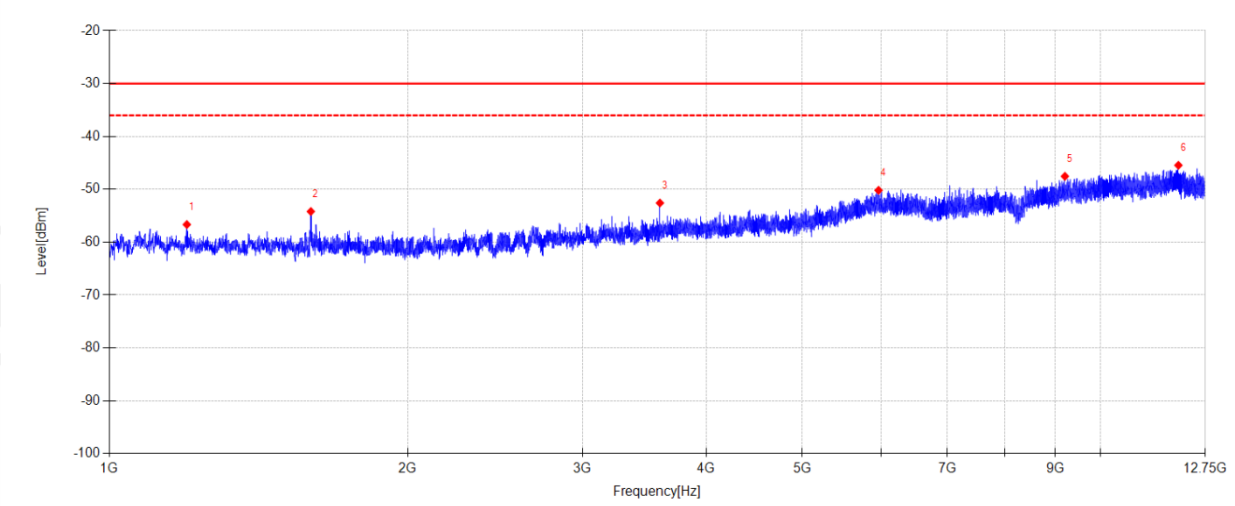
EUT: BLUETOOTH HEADSET Model Number: LIVE BEAM 4

Test Mode: TX BLE2M 2478MHz Mode Power Supply: Battery

Condition: Temp:22.3°C;Humi:54.4% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\24

Memo: Left Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1197.302	47.47	-104.14	-56.67	-30.00	26.67	PK	Vertical	EIRP
2	1596.802	50.09	-104.29	-54.20	-30.00	24.20	PK	Vertical	EIRP
3	3592.344	49.15	-101.74	-52.59	-30.00	22.59	PK	Vertical	EIRP
4	5968.781	44.03	-94.23	-50.20	-30.00	20.20	PK	Vertical	EIRP
5	9201.500	42.37	-89.91	-47.54	-30.00	17.54	PK	Vertical	EIRP
6	11976.458	42.44	-87.90	-45.46	-30.00	15.46	PK	Vertical	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

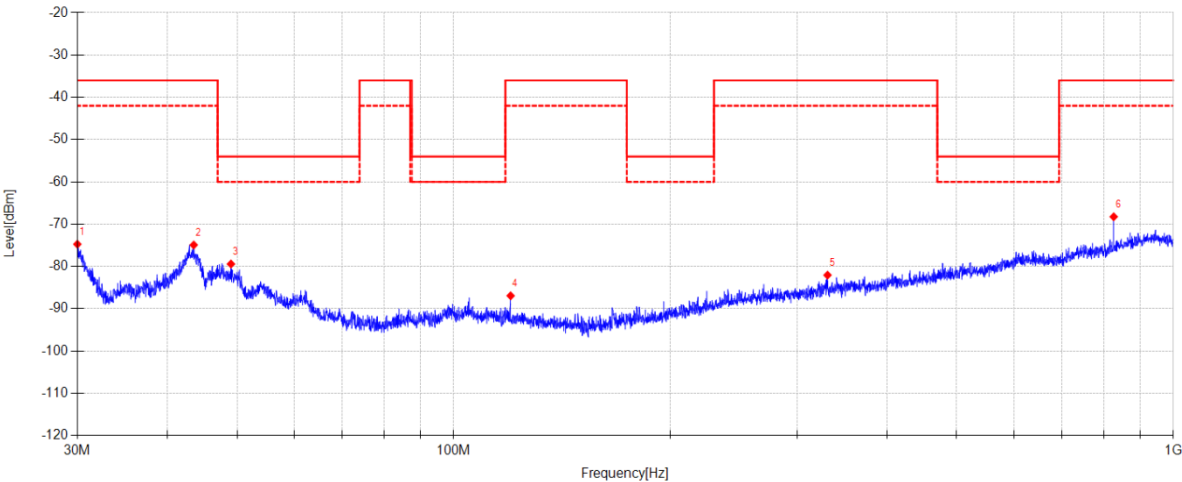
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\1

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.000	39.56	-114.30	-74.74	-36.00	38.74	PK	Horizontal	ERP
2	43.533	37.02	-111.94	-74.92	-36.00	38.92	PK	Horizontal	ERP
3	49.044	31.83	-111.25	-79.42	-54.00	25.42	PK	Horizontal	ERP
4	119.991	30.51	-117.45	-86.94	-36.00	50.94	PK	Horizontal	ERP
5	330.732	28.77	-110.82	-82.05	-36.00	46.05	PK	Horizontal	ERP
6	826.365	33.98	-102.23	-68.25	-36.00	32.25	PK	Horizontal	ERP

Note:

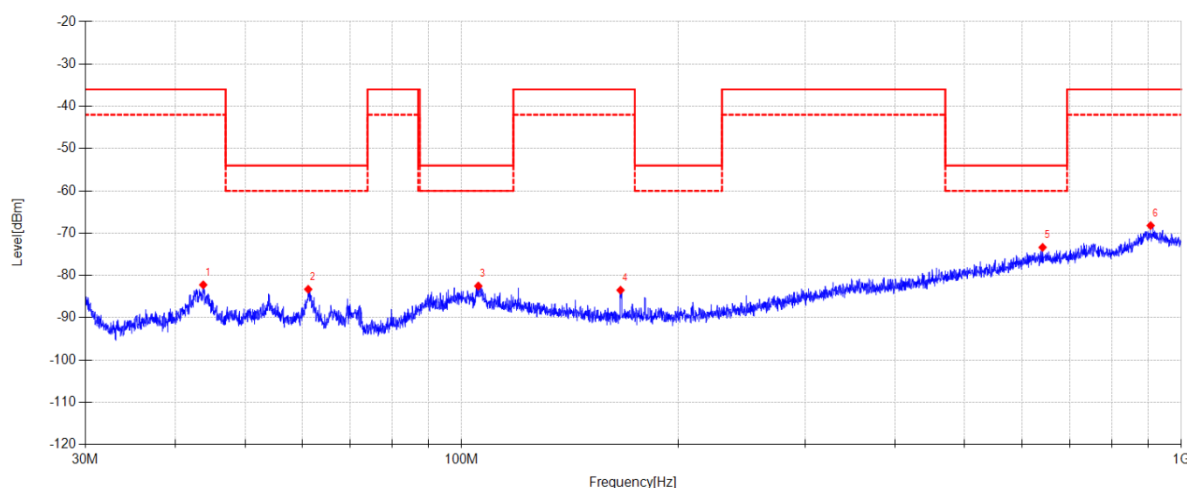
1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbin
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4
Test Mode: TX BLE1M 2402MHz Mode **Power Supply:** Battery
Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\2
Memo: Right Side Sample Number:S25103101-014



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	43.747	34.26	-116.48	-82.22	-36.00	46.22	PK	Vertical	ERP
2	61.209	32.93	-116.20	-83.27	-54.00	29.27	PK	Vertical	ERP
3	105.467	29.11	-111.61	-82.50	-54.00	28.50	PK	Vertical	ERP
4	166.244	31.23	-114.71	-83.48	-36.00	47.48	PK	Vertical	ERP
5	641.567	28.85	-102.21	-73.36	-54.00	19.36	PK	Vertical	ERP
6	906.500	28.39	-96.60	-68.21	-36.00	32.21	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

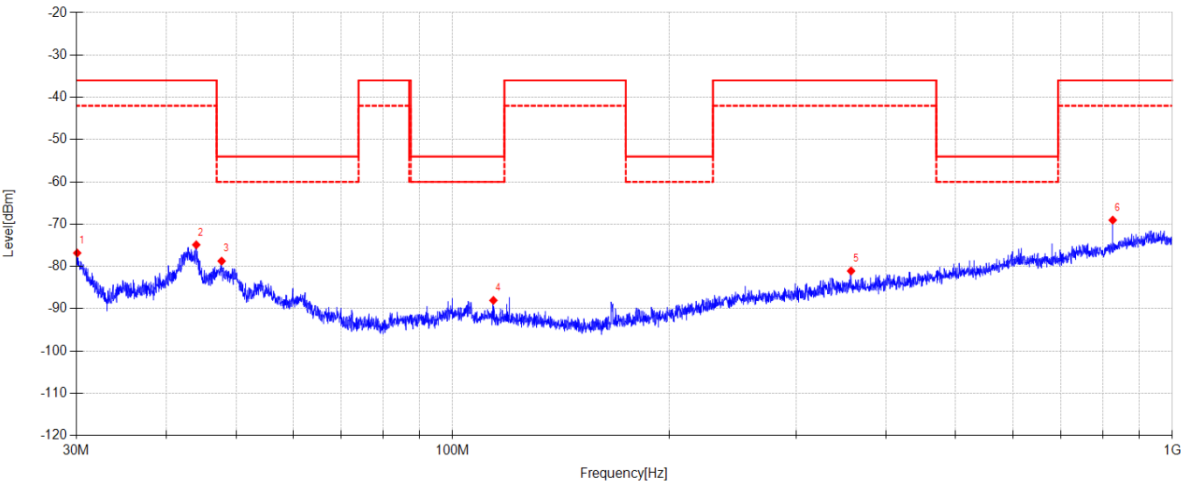
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\3

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.084	37.47	-114.29	-76.82	-36.00	40.82	PK	Horizontal	ERP
2	44.024	37.00	-111.88	-74.88	-36.00	38.88	PK	Horizontal	ERP
3	47.755	32.67	-111.40	-78.73	-54.00	24.73	PK	Horizontal	ERP
4	113.923	29.04	-117.07	-88.03	-54.00	34.03	PK	Horizontal	ERP
5	357.751	29.04	-110.11	-81.07	-36.00	45.07	PK	Horizontal	ERP
6	826.365	33.19	-102.23	-69.04	-36.00	33.04	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

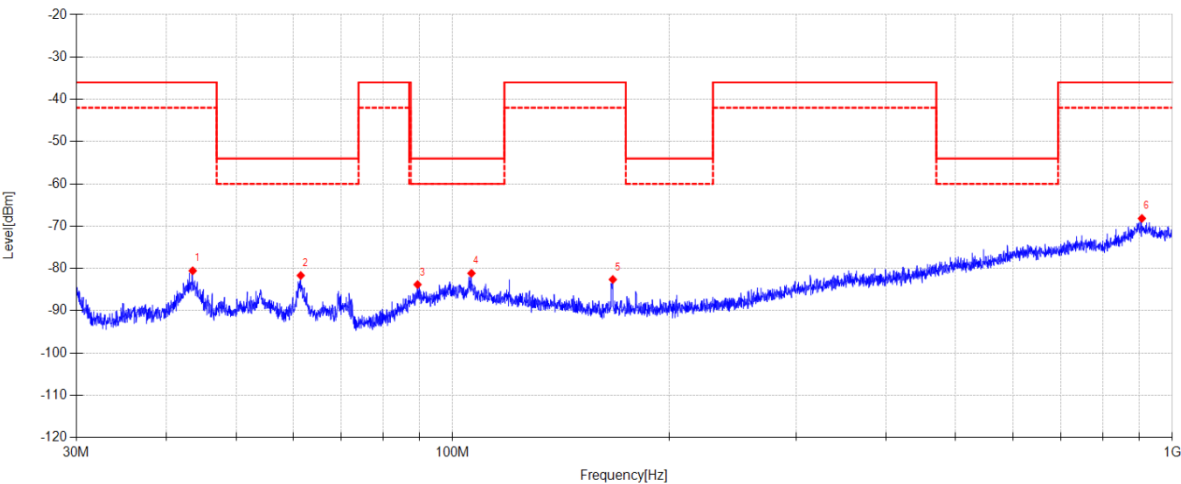
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\4

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	43.533	35.95	-116.50	-80.55	-36.00	44.55	PK	Vertical	ERP
2	61.510	34.61	-116.28	-81.67	-54.00	27.67	PK	Vertical	ERP
3	89.382	29.53	-113.34	-83.81	-54.00	29.81	PK	Vertical	ERP
4	106.209	30.51	-111.66	-81.15	-54.00	27.15	PK	Vertical	ERP
5	166.945	32.09	-114.70	-82.61	-36.00	46.61	PK	Vertical	ERP
6	907.136	28.43	-96.61	-68.18	-36.00	32.18	PK	Vertical	ERP

Note:

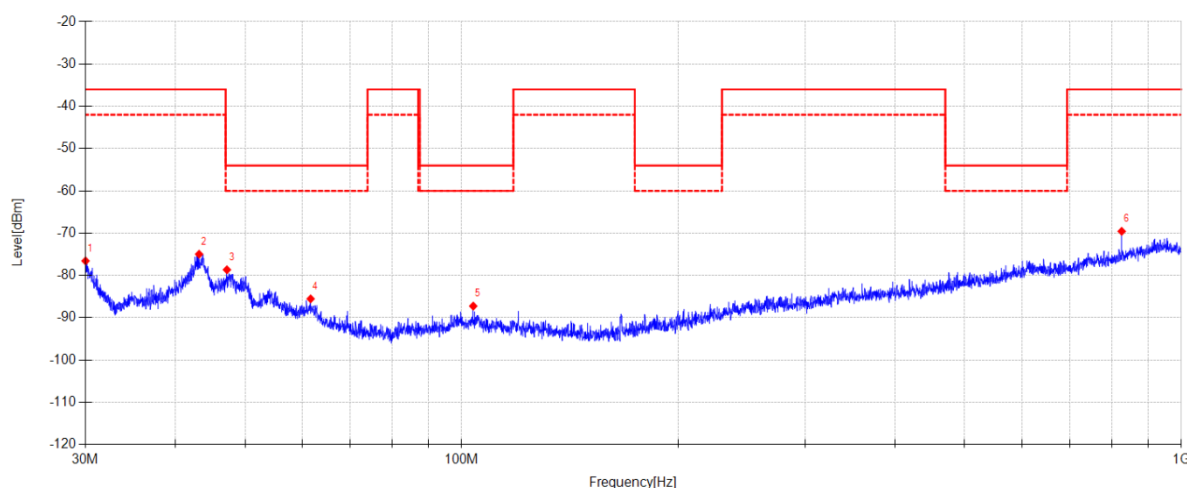
1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbin
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4
Test Mode: TX BLE2M 2478MHz Mode **Power Supply:** Battery
Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\5
Memo: Right Side Sample Number:S25103101-014



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.021	37.73	-114.30	-76.57	-36.00	40.57	PK	Horizontal	ERP
2	43.168	37.01	-111.99	-74.98	-36.00	38.98	PK	Horizontal	ERP
3	47.189	32.83	-111.48	-78.65	-54.00	24.65	PK	Horizontal	ERP
4	61.683	28.87	-114.41	-85.54	-54.00	31.54	PK	Horizontal	ERP
5	103.780	29.18	-116.43	-87.25	-54.00	33.25	PK	Horizontal	ERP
6	826.365	32.67	-102.23	-69.56	-36.00	33.56	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

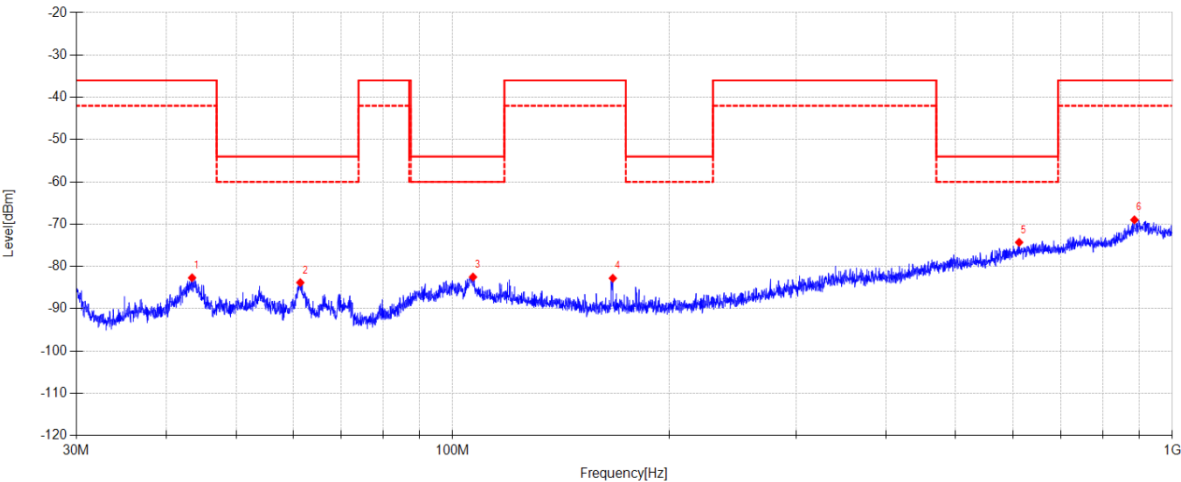
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\6

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	43.442	33.83	-116.50	-82.67	-36.00	46.67	PK	Vertical	ERP
2	61.424	32.44	-116.26	-83.82	-54.00	29.82	PK	Vertical	ERP
3	106.732	29.20	-111.70	-82.50	-54.00	28.50	PK	Vertical	ERP
4	166.945	31.91	-114.70	-82.79	-36.00	46.79	PK	Vertical	ERP
5	612.554	28.27	-102.57	-74.30	-54.00	20.30	PK	Vertical	ERP
6	885.766	28.44	-97.42	-68.98	-36.00	32.98	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

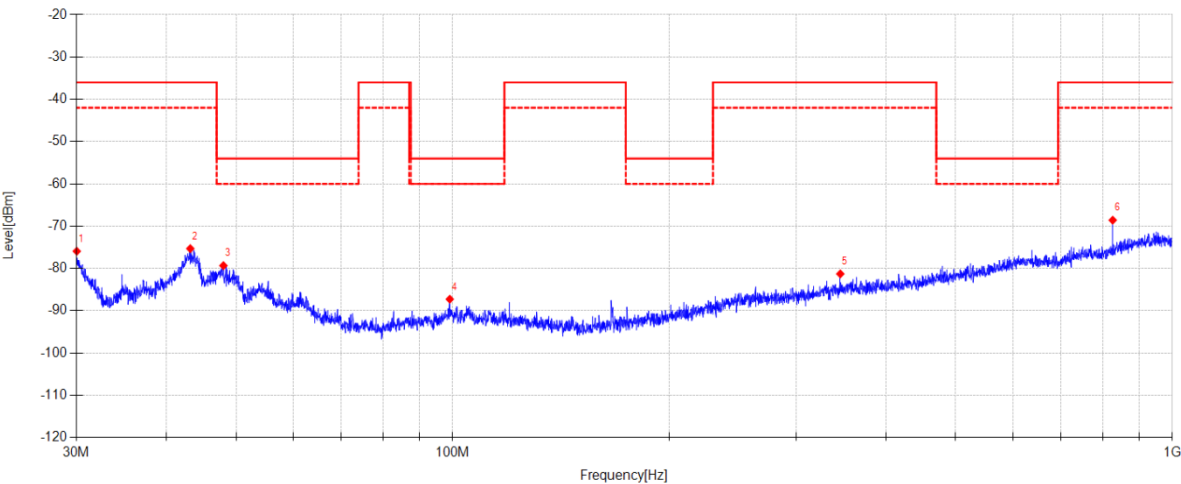
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\7

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.042	38.36	-114.29	-75.93	-36.00	39.93	PK	Horizontal	ERP
2	43.199	36.67	-111.98	-75.31	-36.00	39.31	PK	Horizontal	ERP
3	48.023	32.04	-111.37	-79.33	-54.00	25.33	PK	Horizontal	ERP
4	99.087	29.07	-116.34	-87.27	-54.00	33.27	PK	Horizontal	ERP
5	345.669	29.08	-110.37	-81.29	-36.00	45.29	PK	Horizontal	ERP
6	826.365	33.65	-102.23	-68.58	-36.00	32.58	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

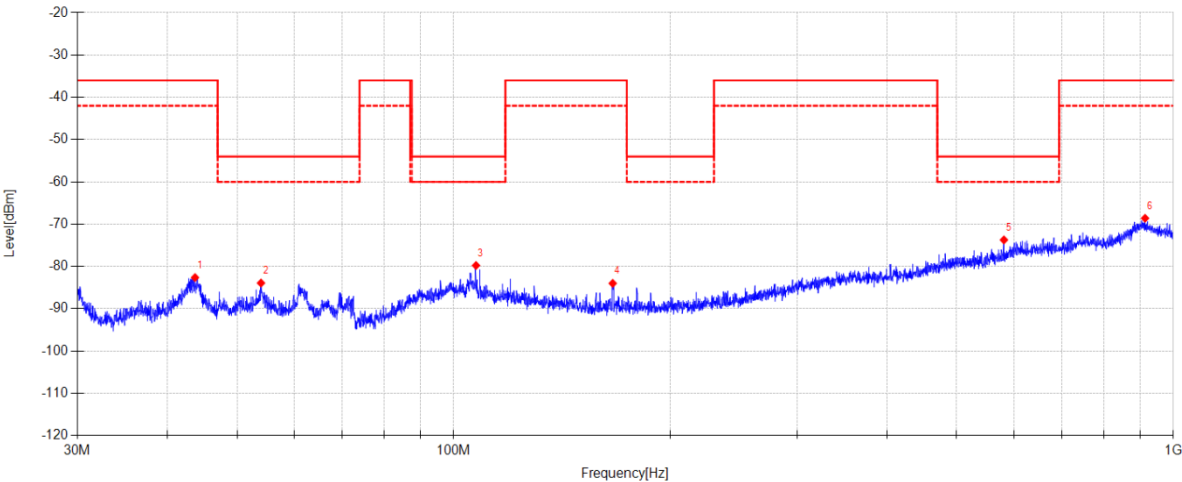
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\8

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	43.717	33.86	-116.48	-82.62	-36.00	46.62	PK	Vertical	ERP
2	53.989	31.96	-115.89	-83.93	-54.00	29.93	PK	Vertical	ERP
3	107.407	31.98	-111.75	-79.77	-54.00	25.77	PK	Vertical	ERP
4	166.361	30.71	-114.71	-84.00	-36.00	48.00	PK	Vertical	ERP
5	581.581	29.84	-103.56	-73.72	-54.00	19.72	PK	Vertical	ERP
6	913.519	28.10	-96.70	-68.60	-36.00	32.60	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 Tested By: Li Xiongbin

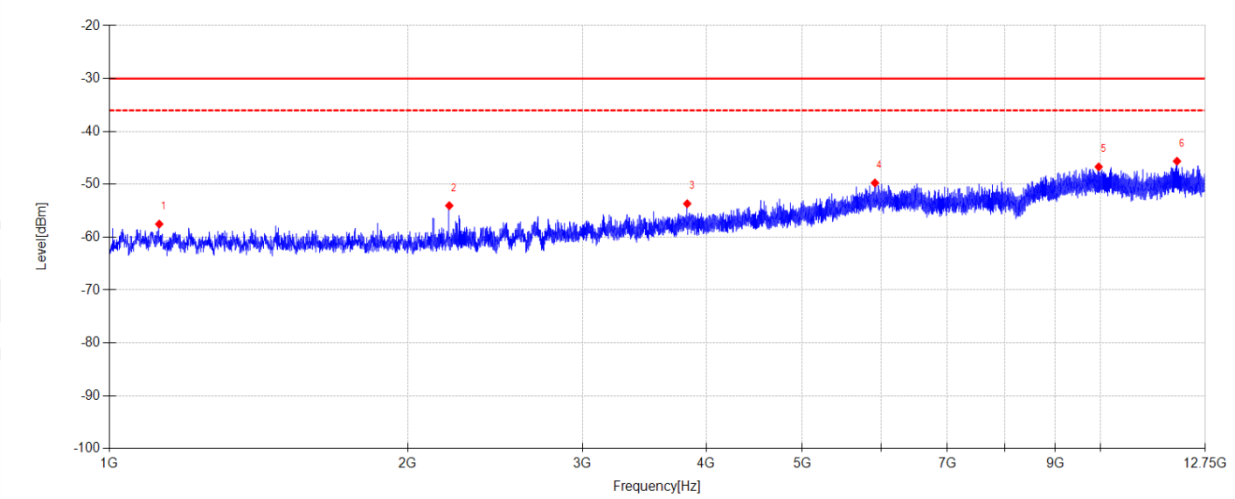
EUT: BLUETOOTH HEADSET Model Number: LIVE BEAM 4

Test Mode: TX BLE1M 2402MHz Mode Power Supply: Battery

Condition: Temp:22.3°C;Humi:54.4% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\1

Memo: Right Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1122.885	46.94	-104.47	-57.53	-30.00	27.53	PK	Horizontal	EIRP
2	2202.417	50.25	-104.29	-54.04	-30.00	24.04	PK	Horizontal	EIRP
3	3827.344	47.69	-101.36	-53.67	-30.00	23.67	PK	Horizontal	EIRP
4	5918.844	44.71	-94.46	-49.75	-30.00	19.75	PK	Horizontal	EIRP
5	9952.521	42.40	-89.09	-46.69	-30.00	16.69	PK	Horizontal	EIRP
6	11939.250	42.86	-88.49	-45.63	-30.00	15.63	PK	Horizontal	EIRP

Note:

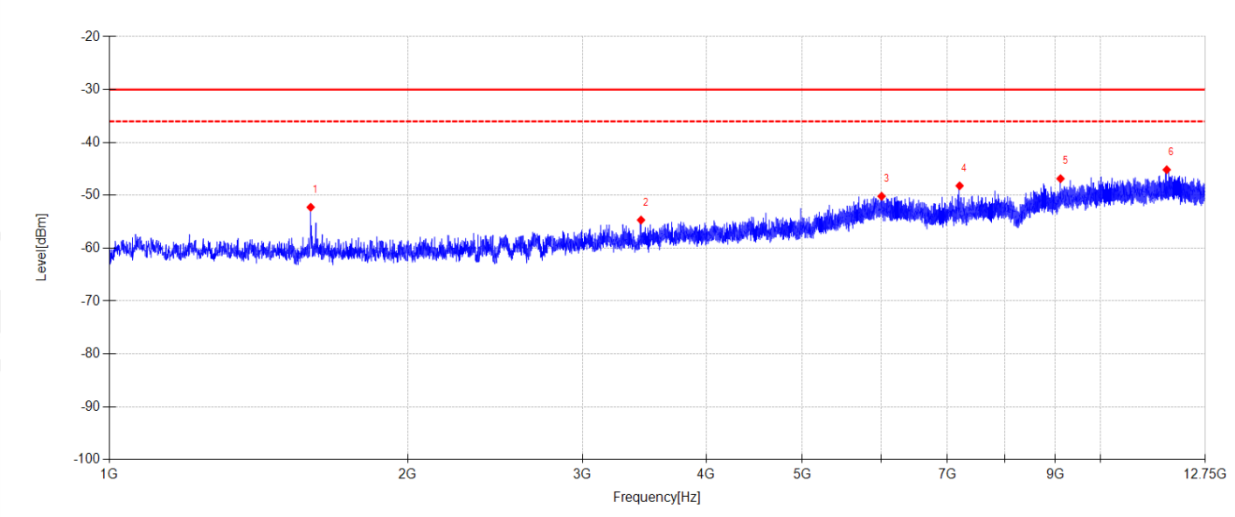
1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 Tested By: Li Xiongbin
EUT: BLUETOOTH HEADSET Model Number: LIVE BEAM 4
Test Mode: TX BLE1M 2402MHz Mode Power Supply: Battery
Condition: Temp:22.3°C;Humi:54.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\2
Memo: Right Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1596.313	52.03	-104.29	-52.26	-30.00	22.26	PK	Vertical	EIRP
2	3437.635	47.29	-101.97	-54.68	-30.00	24.68	PK	Vertical	EIRP
3	6011.375	43.90	-94.09	-50.19	-30.00	20.19	PK	Vertical	EIRP
4	7205.469	46.26	-94.47	-48.21	-30.00	18.21	PK	Vertical	EIRP
5	9107.990	43.09	-89.95	-46.86	-30.00	16.86	PK	Vertical	EIRP
6	11656.760	42.78	-87.95	-45.17	-30.00	15.17	PK	Vertical	EIRP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

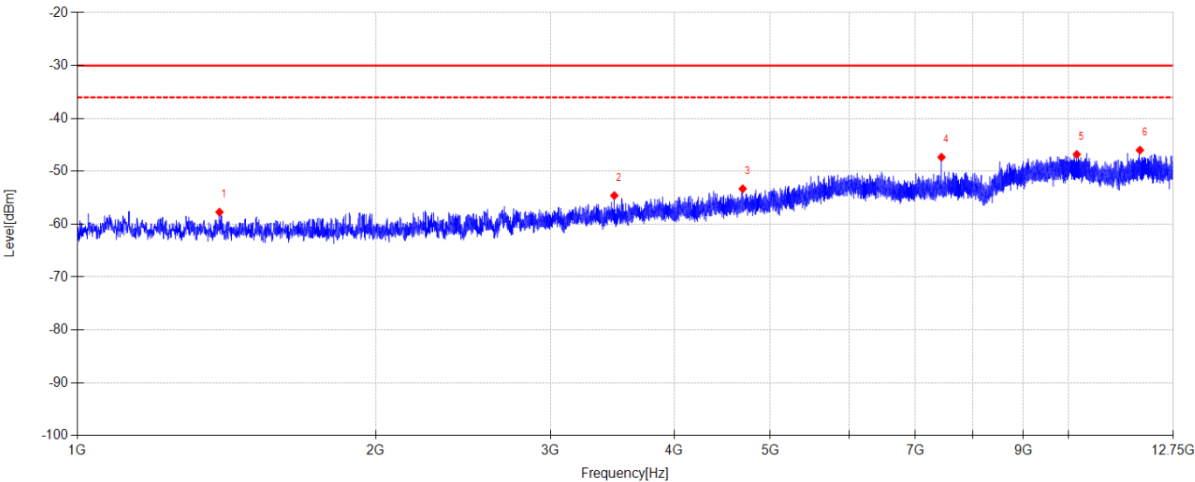
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\3

Memo:

Right Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1391.177	46.81	-104.53	-57.72	-30.00	27.72	PK	Horizontal	EIRP
2	3480.229	47.33	-101.92	-54.59	-30.00	24.59	PK	Horizontal	EIRP
3	4689.990	45.88	-99.19	-53.31	-30.00	23.31	PK	Horizontal	EIRP
4	7440.958	46.82	-94.15	-47.33	-30.00	17.33	PK	Horizontal	EIRP
5	10188.990	42.32	-89.12	-46.80	-30.00	16.80	PK	Horizontal	EIRP
6	11797.271	42.63	-88.63	-46.00	-30.00	16.00	PK	Horizontal	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

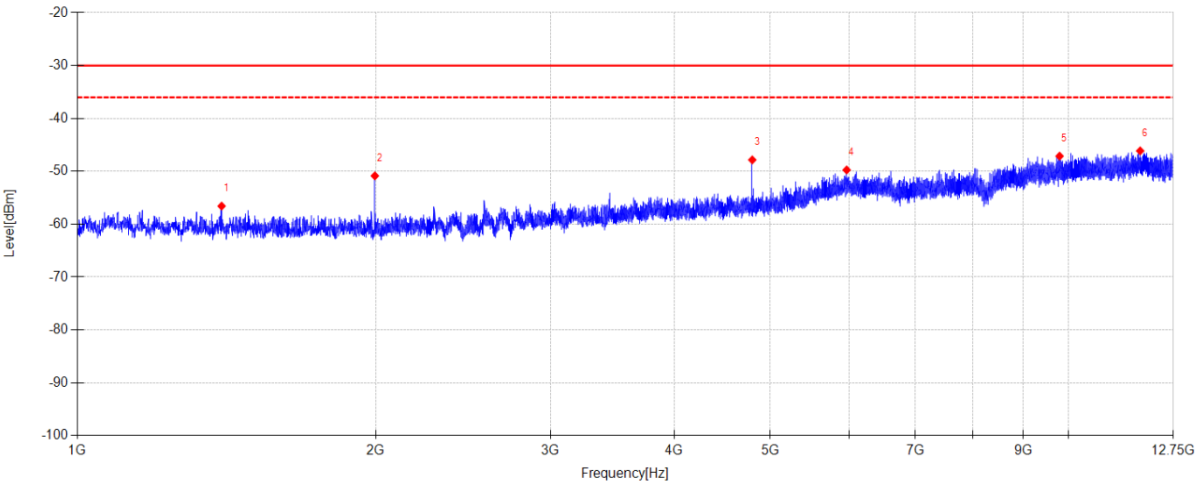
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\4

Memo:

Right Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1398.031	47.64	-104.22	-56.58	-30.00	26.58	PK	Vertical	EIRP
2	1995.813	53.56	-104.43	-50.87	-30.00	20.87	PK	Vertical	EIRP
3	4795.250	51.47	-99.31	-47.84	-30.00	17.84	PK	Vertical	EIRP
4	5970.250	44.47	-94.22	-49.75	-30.00	19.75	PK	Vertical	EIRP
5	9789.000	42.52	-89.65	-47.13	-30.00	17.13	PK	Vertical	EIRP
6	11804.615	41.79	-87.93	-46.14	-30.00	16.14	PK	Vertical	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

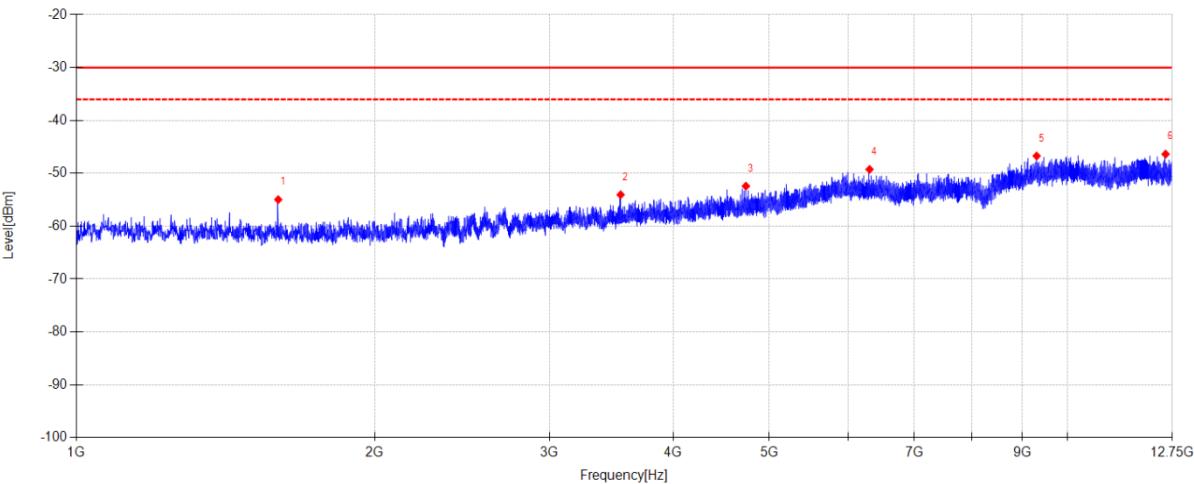
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\5

Memo:

Right Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1598.271	49.63	-104.60	-54.97	-30.00	24.97	PK	Horizontal	EIRP
2	3539.958	47.77	-101.83	-54.06	-30.00	24.06	PK	Horizontal	EIRP
3	4735.521	46.63	-99.06	-52.43	-30.00	22.43	PK	Horizontal	EIRP
4	6311.000	45.03	-94.29	-49.26	-30.00	19.26	PK	Horizontal	EIRP
5	9303.333	42.75	-89.47	-46.72	-30.00	16.72	PK	Horizontal	EIRP
6	12552.208	42.07	-88.44	-46.37	-30.00	16.37	PK	Horizontal	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

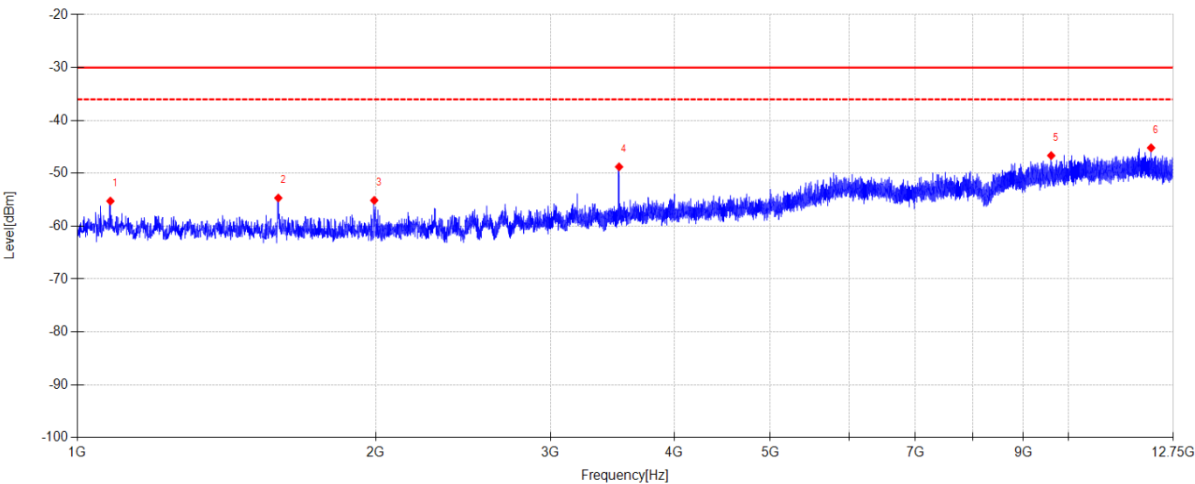
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\6

Memo:

Right Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1079.802	48.84	-104.09	-55.25	-30.00	25.25	PK	Vertical	EIRP
2	1594.844	49.62	-104.29	-54.67	-30.00	24.67	PK	Vertical	EIRP
3	1992.875	49.32	-104.44	-55.12	-30.00	25.12	PK	Vertical	EIRP
4	3519.396	53.07	-101.85	-48.78	-30.00	18.78	PK	Vertical	EIRP
5	9601.000	43.09	-89.74	-46.65	-30.00	16.65	PK	Vertical	EIRP
6	12107.667	42.75	-87.93	-45.18	-30.00	15.18	PK	Vertical	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

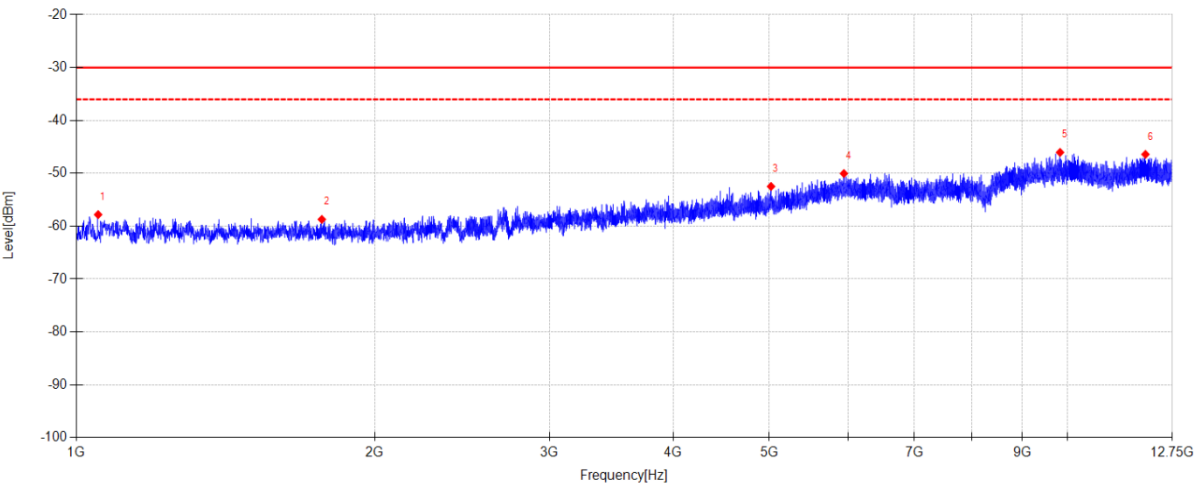
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\7

Memo:

Right Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1051.896	46.63	-104.45	-57.82	-30.00	27.82	PK	Horizontal	EIRP
2	1768.646	45.92	-104.64	-58.72	-30.00	28.72	PK	Horizontal	EIRP
3	5020.458	45.77	-98.26	-52.49	-30.00	22.49	PK	Horizontal	EIRP
4	5946.260	44.30	-94.34	-50.04	-30.00	20.04	PK	Horizontal	EIRP
5	9823.760	43.12	-89.17	-46.05	-30.00	16.05	PK	Horizontal	EIRP
6	11979.396	42.04	-88.46	-46.42	-30.00	16.42	PK	Horizontal	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

TX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

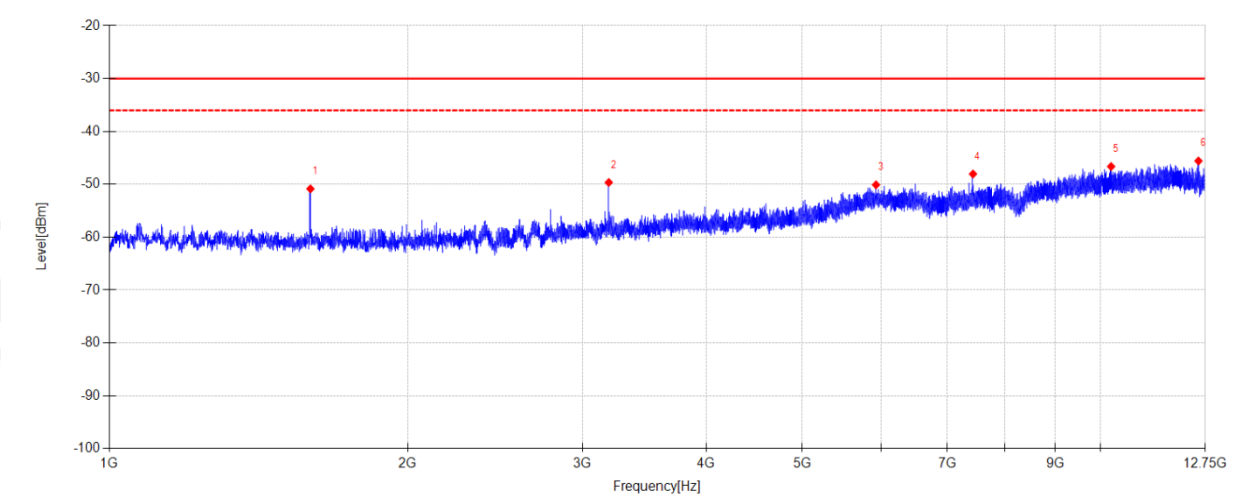
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\8

Memo:

Right Side Sample Number:S25103101-014 Power Setting:7



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1595.333	53.43	-104.29	-50.86	-30.00	20.86	PK	Vertical	EIRP
2	3189.906	52.70	-102.35	-49.65	-30.00	19.65	PK	Vertical	EIRP
3	5933.531	44.29	-94.39	-50.10	-30.00	20.10	PK	Vertical	EIRP
4	7432.635	46.01	-94.06	-48.05	-30.00	18.05	PK	Vertical	EIRP
5	10243.823	42.56	-89.19	-46.63	-30.00	16.63	PK	Vertical	EIRP
6	12548.292	42.50	-88.08	-45.58	-30.00	15.58	PK	Vertical	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

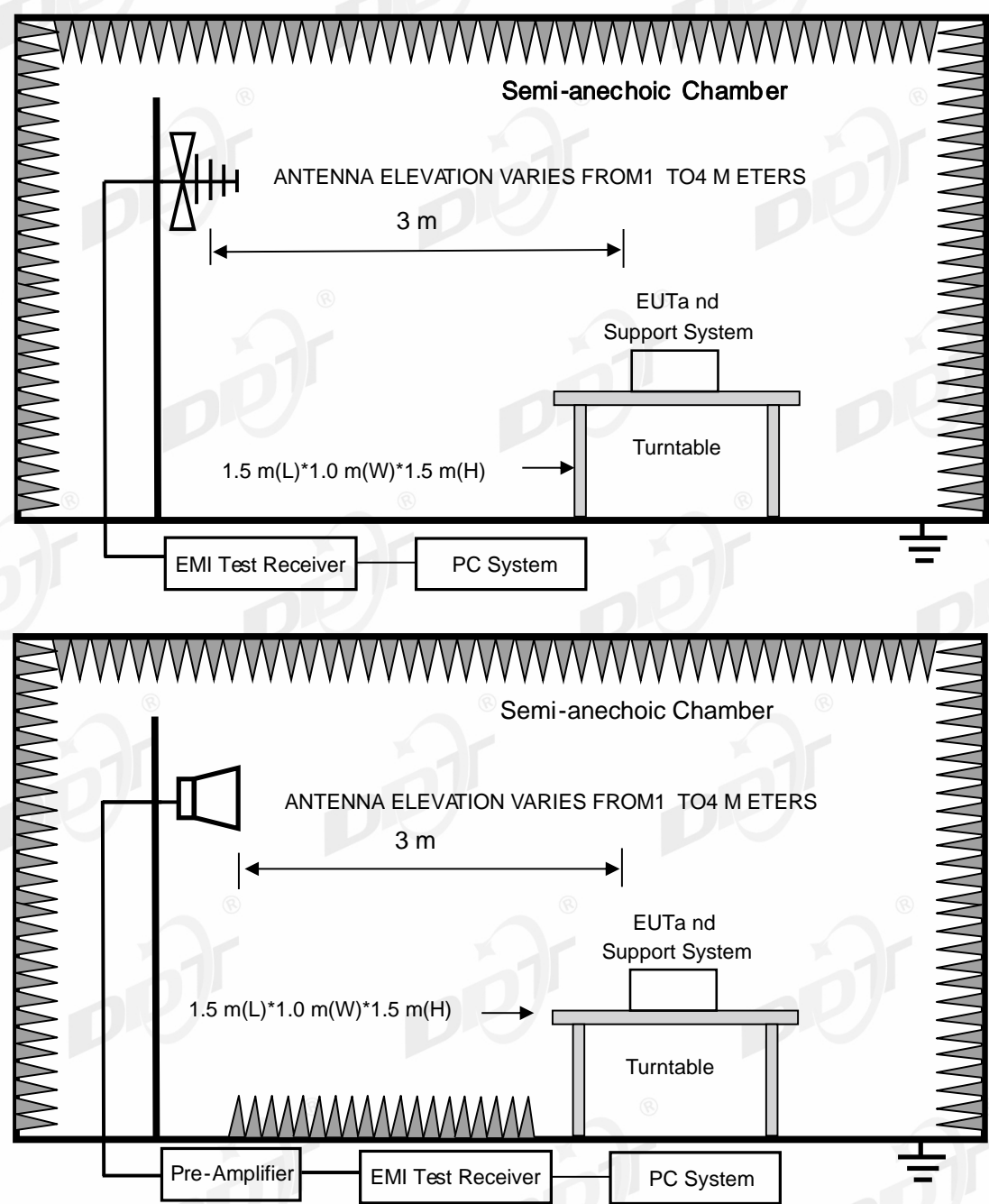
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

10. Receiver spurious emissions

10.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2026/03/28
Radiation disturbance fully automated test software	Tonscend	JS32-RE	DDT-ZC02739	/
Pre-amplifier	SONOMA	310N	DDT-ZC01969	2026/07/06
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2026/03/28
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2026/03/28
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	/
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2026/10/10
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2026/03/28
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2026/03/28
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2026/08/10
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2026/03/28
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2026/03/28
High Pass filter	Xi'an Xingbo	XBLBQ-GTA67	DDT-ZC02179	2026/03/28
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2026/04/01
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2026/07/25
Hochgewinn-Hornantenne	SCHWARZBEC K	BBHA 9120 D	DDT-ZC02129	2026/08/11
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2026/08/18
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2026/03/28

10.2. Block diagram of test setup



10.3. Limits

The spurious emissions of the receiver shall not exceed the values given in below table.

Frequency range	Maximum power	Bandwidth
30 MHz to 1 GHz	-57 dBm	100 kHz
1 GHz to 12,75 GHz	-47 dBm	1 MHz

10.4. Assistant equipment used for test

Assistant	Manufacturer	Model number	Description	other
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equipment				
/	/	/	/	/

10.5. Test procedure

Refer to EN 300 328 V2.2.2 Clause 5.4.10.2

10.6. Test result

PASS. (See below detailed test result)

10.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

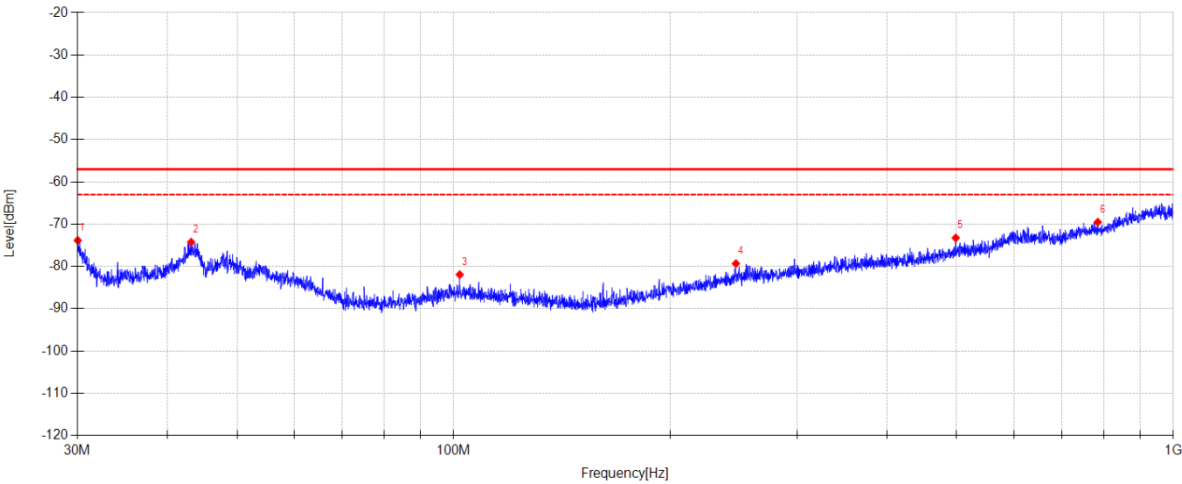
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\17

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.042	40.44	-114.29	-73.85	-57.00	16.85	PK	Horizontal	ERP
2	43.168	37.73	-111.99	-74.26	-57.00	17.26	PK	Horizontal	ERP
3	101.976	34.38	-116.31	-81.93	-57.00	24.93	PK	Horizontal	ERP
4	246.711	33.71	-113.05	-79.34	-57.00	22.34	PK	Horizontal	ERP
5	498.444	34.07	-107.32	-73.25	-57.00	16.25	PK	Horizontal	ERP
6	785.131	33.73	-103.25	-69.52	-57.00	12.52	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbn

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

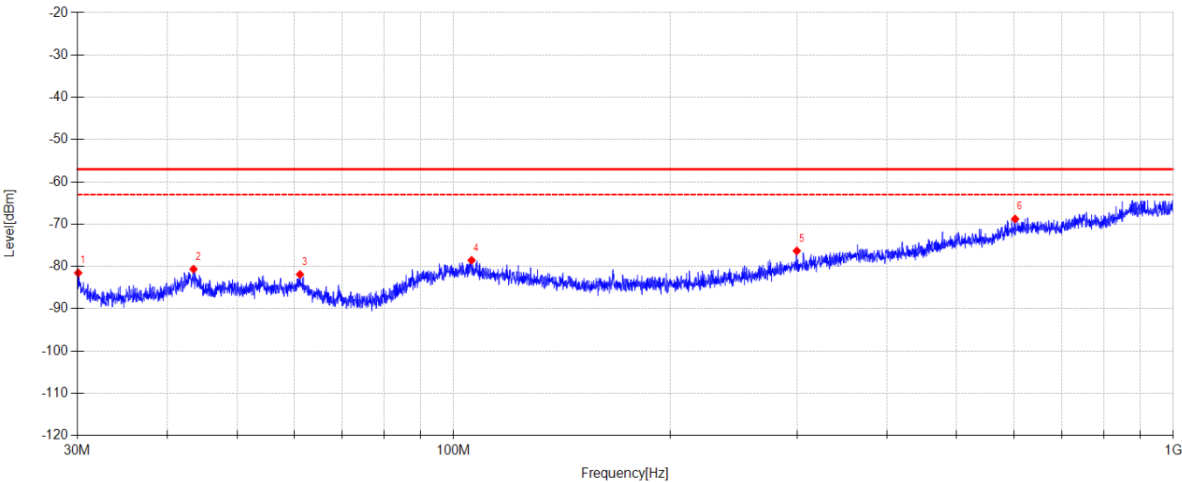
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\18

Memo:

Left Side Sample Number:S25103101-014



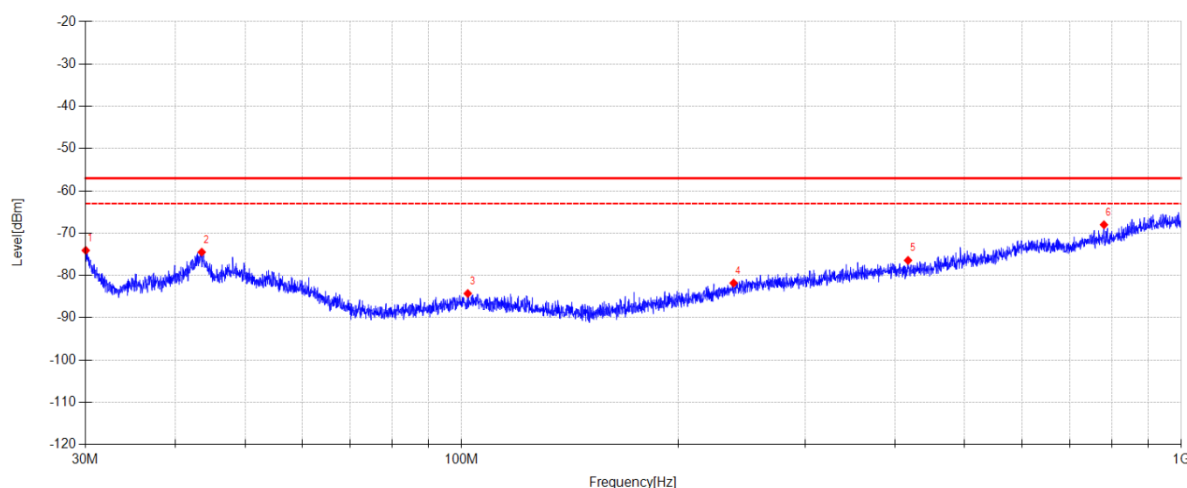
Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.084	36.32	-117.85	-81.53	-57.00	24.53	PK	Vertical	ERP
2	43.502	35.86	-116.50	-80.64	-57.00	23.64	PK	Vertical	ERP
3	61.166	34.29	-116.19	-81.90	-57.00	24.90	PK	Vertical	ERP
4	105.912	33.10	-111.64	-78.54	-57.00	21.54	PK	Vertical	ERP
5	299.808	33.77	-110.10	-76.33	-57.00	19.33	PK	Vertical	ERP
6	602.754	33.92	-102.70	-68.78	-57.00	11.78	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbin
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4
Test Mode: RX BLE1M 2402MHz Mode **Power Supply:** Battery
Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\19
Memo: Left Side Sample Number:S25103101-014

**Suspected Data List**

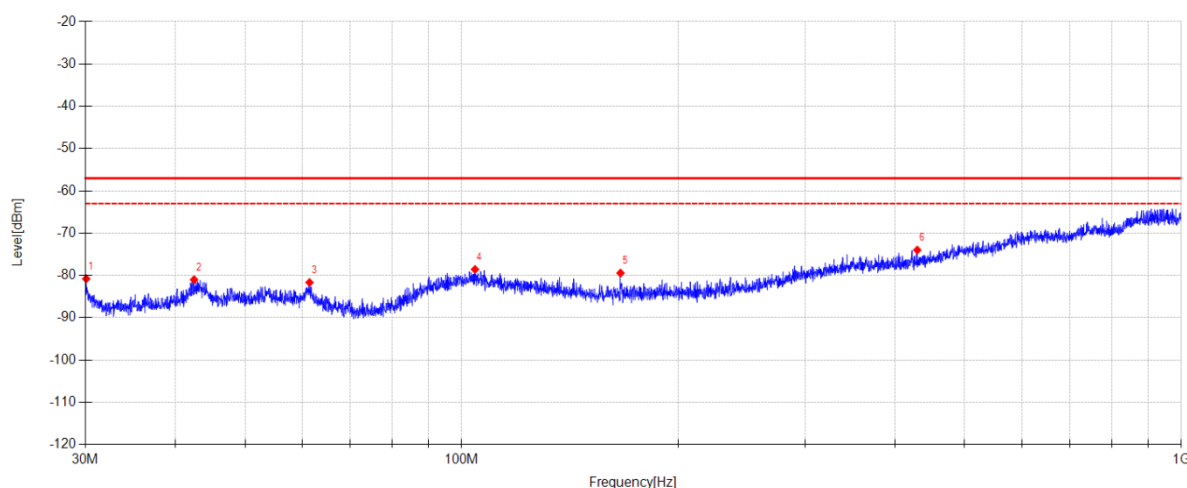
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.042	40.21	-114.29	-74.08	-57.00	17.08	PK	Horizontal	ERP
2	43.533	37.45	-111.94	-74.49	-57.00	17.49	PK	Horizontal	ERP
3	101.976	32.04	-116.31	-84.27	-57.00	27.27	PK	Horizontal	ERP
4	238.713	31.81	-113.61	-81.80	-57.00	24.80	PK	Horizontal	ERP
5	417.129	32.81	-109.25	-76.44	-57.00	19.44	PK	Horizontal	ERP
6	780.740	35.21	-103.22	-68.01	-57.00	11.01	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbin
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4
Test Mode: RX BLE1M 2402MHz Mode **Power Supply:** Battery
Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\20
Memo: Left Side Sample Number:S25103101-014

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.084	37.06	-117.85	-80.79	-57.00	23.79	PK	Vertical	ERP
2	42.478	35.59	-116.59	-81.00	-57.00	24.00	PK	Vertical	ERP
3	61.467	34.61	-116.27	-81.66	-57.00	24.66	PK	Vertical	ERP
4	104.364	32.95	-111.52	-78.57	-57.00	21.57	PK	Vertical	ERP
5	166.244	35.28	-114.71	-79.43	-57.00	22.43	PK	Vertical	ERP
6	429.595	33.27	-107.26	-73.99	-57.00	16.99	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbin

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

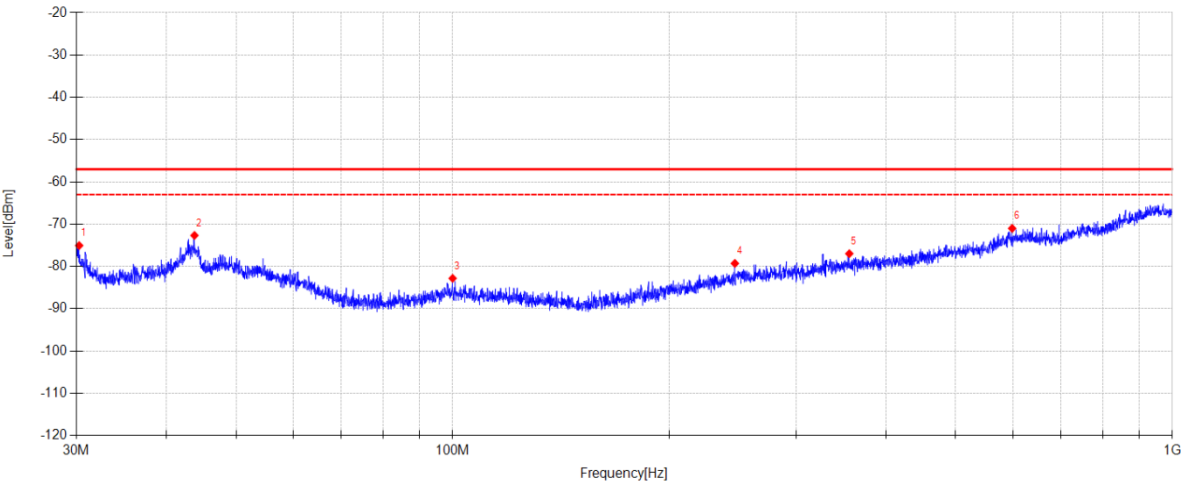
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\21

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.275	39.19	-114.25	-75.06	-57.00	18.06	PK	Horizontal	ERP
2	43.778	39.24	-111.91	-72.67	-57.00	15.67	PK	Horizontal	ERP
3	99.994	33.38	-116.19	-82.81	-57.00	25.81	PK	Horizontal	ERP
4	246.711	33.77	-113.05	-79.28	-57.00	22.28	PK	Horizontal	ERP
5	355.750	33.16	-110.14	-76.98	-57.00	19.98	PK	Horizontal	ERP
6	598.963	33.90	-104.90	-71.00	-57.00	14.00	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbin

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

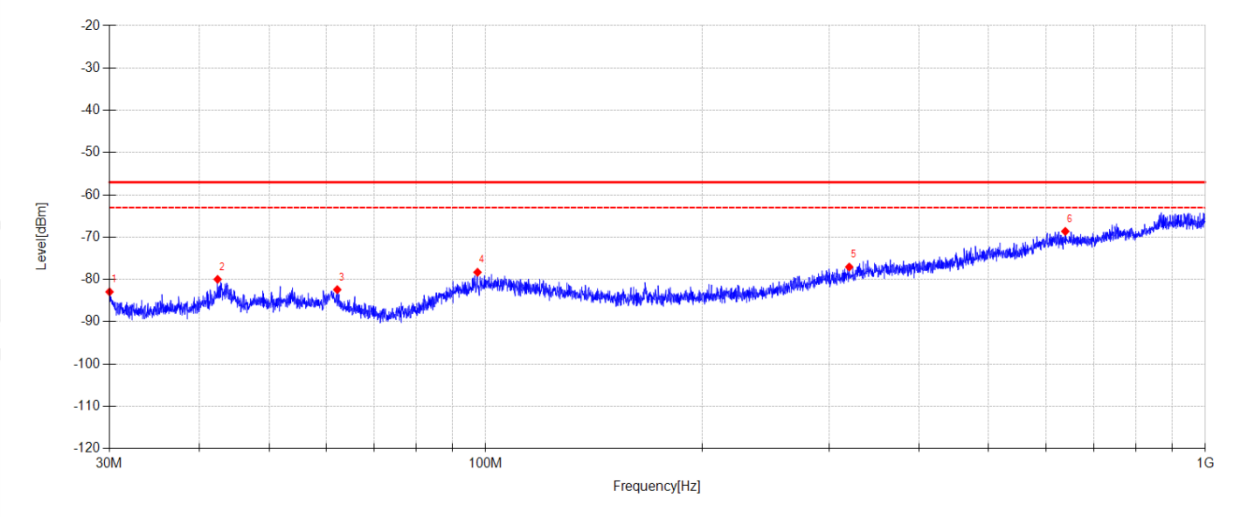
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\22

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.021	34.93	-117.86	-82.93	-57.00	25.93	PK	Vertical	ERP
2	42.418	36.63	-116.60	-79.97	-57.00	22.97	PK	Vertical	ERP
3	62.204	34.09	-116.50	-82.41	-57.00	25.41	PK	Vertical	ERP
4	97.433	33.39	-111.69	-78.30	-57.00	21.30	PK	Vertical	ERP
5	320.010	32.29	-109.35	-77.06	-57.00	20.06	PK	Vertical	ERP
6	638.874	33.63	-102.26	-68.63	-57.00	11.63	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbin

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

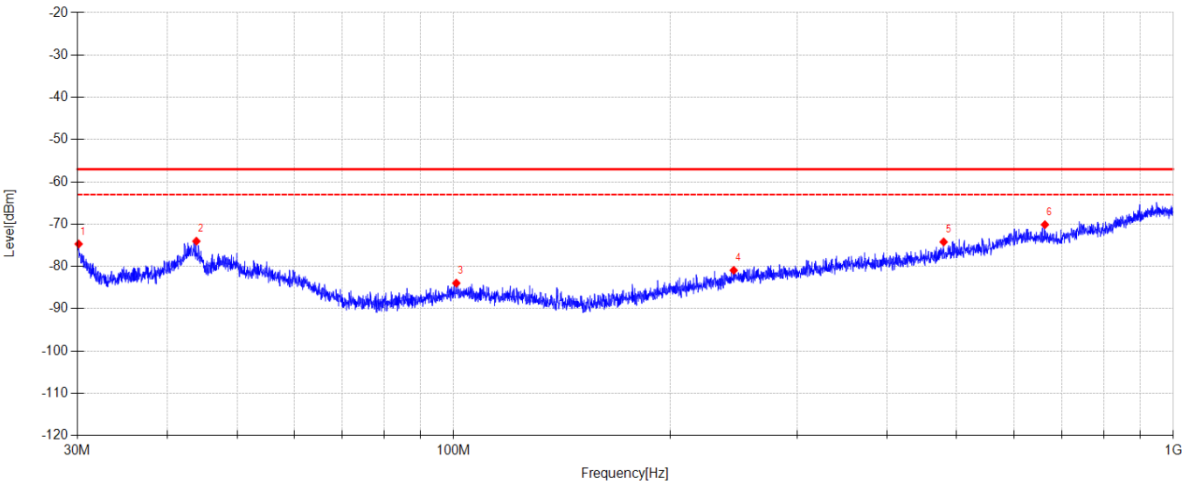
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\23

Memo:

Left Side Sample Number:S25103101-014



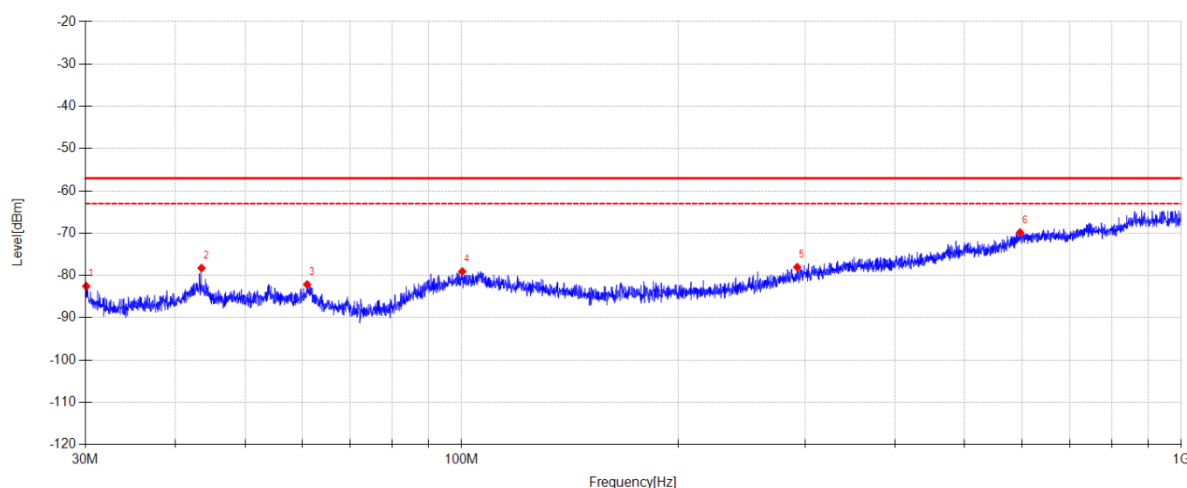
Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.126	39.59	-114.28	-74.69	-57.00	17.69	PK	Horizontal	ERP
2	43.901	37.87	-111.90	-74.03	-57.00	17.03	PK	Horizontal	ERP
3	100.839	32.30	-116.25	-83.95	-57.00	26.95	PK	Horizontal	ERP
4	244.987	32.26	-113.18	-80.92	-57.00	23.92	PK	Horizontal	ERP
5	479.588	33.75	-107.95	-74.20	-57.00	17.20	PK	Horizontal	ERP
6	663.062	34.59	-104.71	-70.12	-57.00	13.12	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbin
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4
Test Mode: RX BLE2M 2478MHz Mode **Power Supply:** Battery
Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\24
Memo: Left Side Sample Number:S25103101-014

**Suspected Data List**

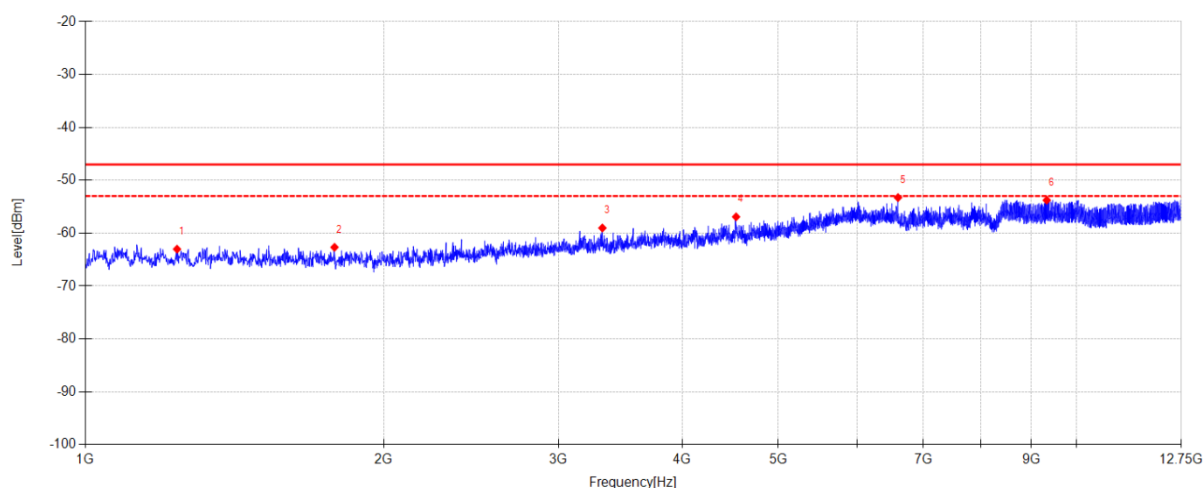
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.084	35.31	-117.85	-82.54	-57.00	25.54	PK	Vertical	ERP
2	43.502	38.24	-116.50	-78.26	-57.00	21.26	PK	Vertical	ERP
3	60.994	34.00	-116.14	-82.14	-57.00	25.14	PK	Vertical	ERP
4	100.204	32.19	-111.24	-79.05	-57.00	22.05	PK	Vertical	ERP
5	292.540	32.55	-110.57	-78.02	-57.00	21.02	PK	Vertical	ERP
6	596.866	33.02	-102.87	-69.85	-57.00	12.85	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbin
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4
Test Mode: RX BLE2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\25
Memo: Left Side Sample Number:S25103101-014



Suspected Data List

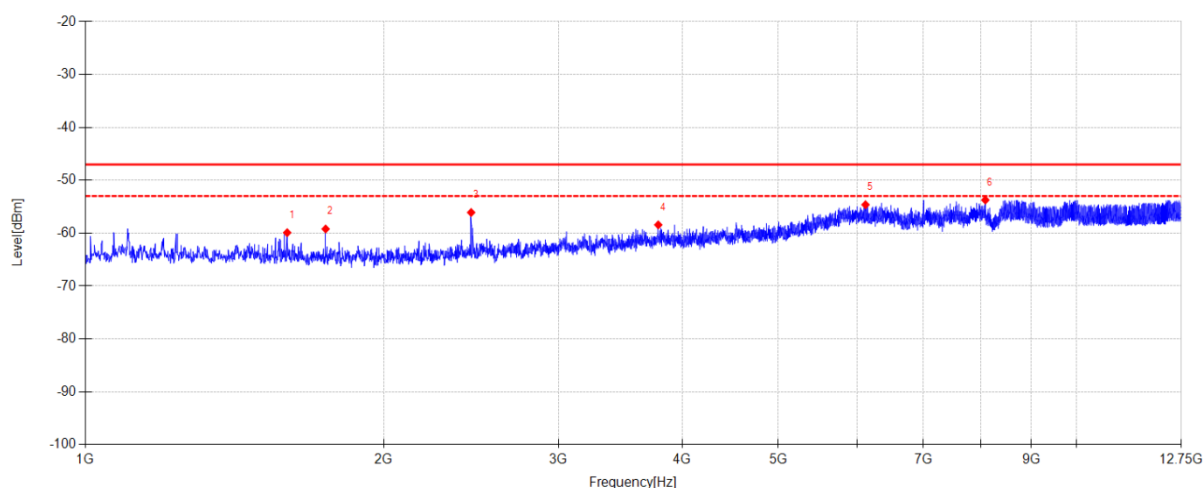
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1237.350	41.47	-104.50	-63.03	-47.00	16.03	RMS	Horizontal	EIRP
2	1783.725	41.98	-104.65	-62.67	-47.00	15.67	RMS	Horizontal	EIRP
3	3322.975	43.16	-102.18	-59.02	-47.00	12.02	RMS	Horizontal	EIRP
4	4533.225	42.71	-99.62	-56.91	-47.00	9.91	RMS	Horizontal	EIRP
5	6602.400	41.19	-94.46	-53.27	-47.00	6.27	RMS	Horizontal	EIRP
6	9327.225	35.70	-89.46	-53.76	-47.00	6.76	RMS	Horizontal	EIRP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbin
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4
Test Mode: RX BLE2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\26
Memo: Left Side Sample Number:S25103101-014



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1598.075	44.38	-104.29	-59.91	-47.00	12.91	RMS	Vertical	EIRP
2	1747.300	45.14	-104.35	-59.21	-47.00	12.21	RMS	Vertical	EIRP
3	2449.950	47.53	-103.62	-56.09	-47.00	9.09	RMS	Vertical	EIRP
4	3783.575	43.02	-101.45	-58.43	-47.00	11.43	RMS	Vertical	EIRP
5	6121.825	39.56	-94.18	-54.62	-47.00	7.62	RMS	Vertical	EIRP
6	8087.600	39.03	-92.76	-53.73	-47.00	6.73	RMS	Vertical	EIRP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 Tested By: Li Xiongbín

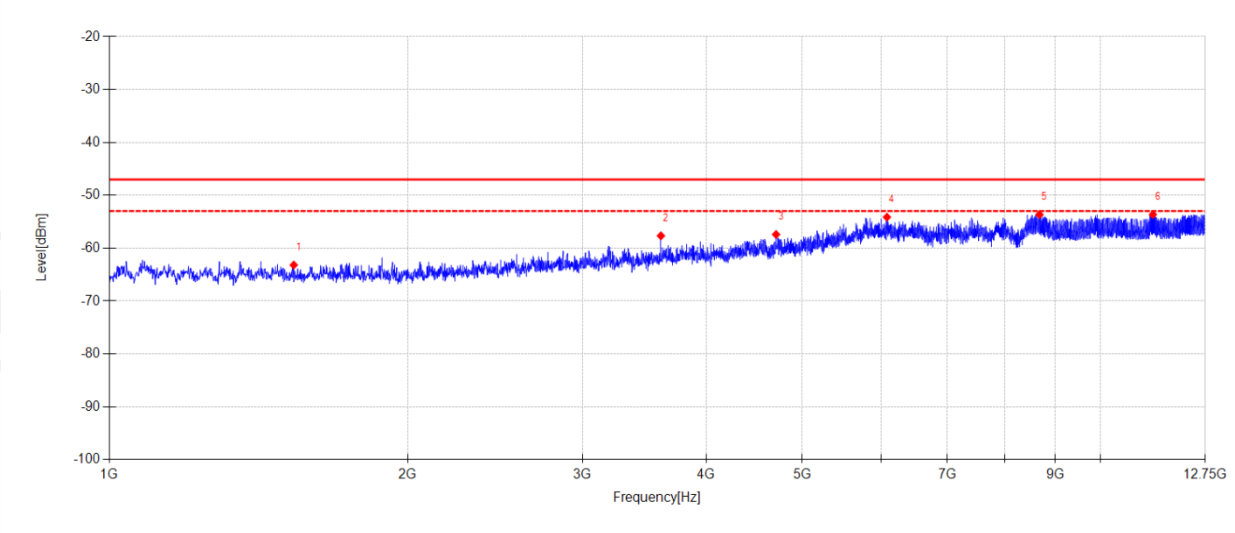
EUT: BLUETOOTH HEADSET Model Number: LIVE BEAM 4

Test Mode: RX BLE2M 2478MHz Mode Power Supply: Battery

Condition: Temp:22.3°C;Humi:54.4% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\27

Memo: Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1534.625	41.38	-104.57	-63.19	-47.00	16.19	RMS	Horizontal	EIRP
2	3600.275	44.07	-101.73	-57.66	-47.00	10.66	RMS	Horizontal	EIRP
3	4704.775	41.74	-99.15	-57.41	-47.00	10.41	RMS	Horizontal	EIRP
4	6086.575	40.03	-94.16	-54.13	-47.00	7.13	RMS	Horizontal	EIRP
5	8673.925	37.23	-90.89	-53.66	-47.00	6.66	RMS	Horizontal	EIRP
6	11288.300	35.48	-89.12	-53.64	-47.00	6.64	RMS	Horizontal	EIRP

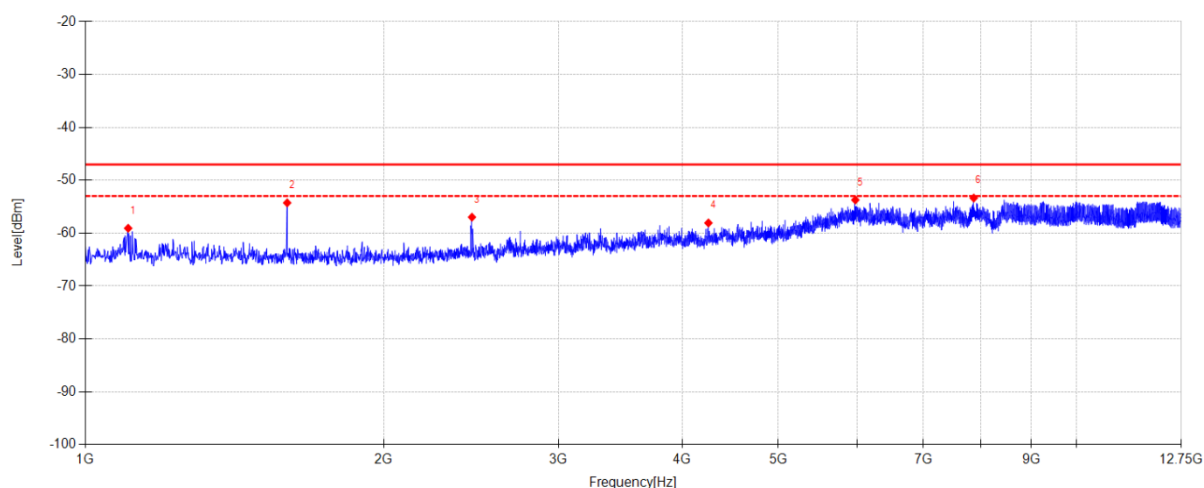
Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

Test Date:	2025-11-12	Tested By:	Li Xiongbín
EUT:	BLUETOOTH HEADSET	Model Number:	LIVE BEAM 4
Test Mode:	RX BLE2M 2478MHz Mode	Power Supply:	Battery
Condition:	Temp:22.3°C;Humi:54.4%	Test Site:	DDT 3# Chamber
File Path:	d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\28		
Memo:	Left Side Sample Number:S25103101-014		



NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1104.575	45.03	-104.10	-59.07	-47.00	12.07	RMS	Vertical	EIRP
2	1598.075	50.03	-104.29	-54.26	-47.00	7.26	RMS	Vertical	EIRP
3	2454.650	46.64	-103.61	-56.97	-47.00	9.97	RMS	Vertical	EIRP
4	4251.225	42.48	-100.55	-58.07	-47.00	11.07	RMS	Vertical	EIRP
5	5979.650	40.46	-94.18	-53.72	-47.00	6.72	RMS	Vertical	EIRP
6	7872.575	39.90	-93.25	-53.35	-47.00	6.35	RMS	Vertical	EIRP

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

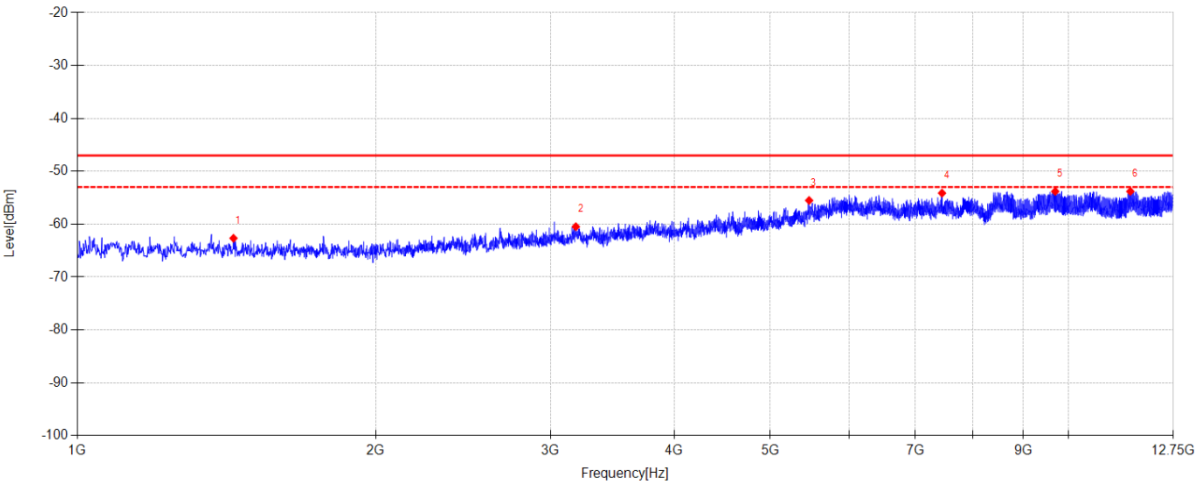
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\29

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1437.100	41.88	-104.55	-62.67	-47.00	15.67	RMS	Horizontal	EIRP
2	3183.150	41.92	-102.40	-60.48	-47.00	13.48	RMS	Horizontal	EIRP
3	5472.050	40.83	-96.35	-55.52	-47.00	8.52	RMS	Horizontal	EIRP
4	7450.750	39.99	-94.12	-54.13	-47.00	7.13	RMS	Horizontal	EIRP
5	9691.475	35.44	-89.24	-53.80	-47.00	6.80	RMS	Horizontal	EIRP
6	11538.575	35.08	-88.88	-53.80	-47.00	6.80	RMS	Horizontal	EIRP

Note:

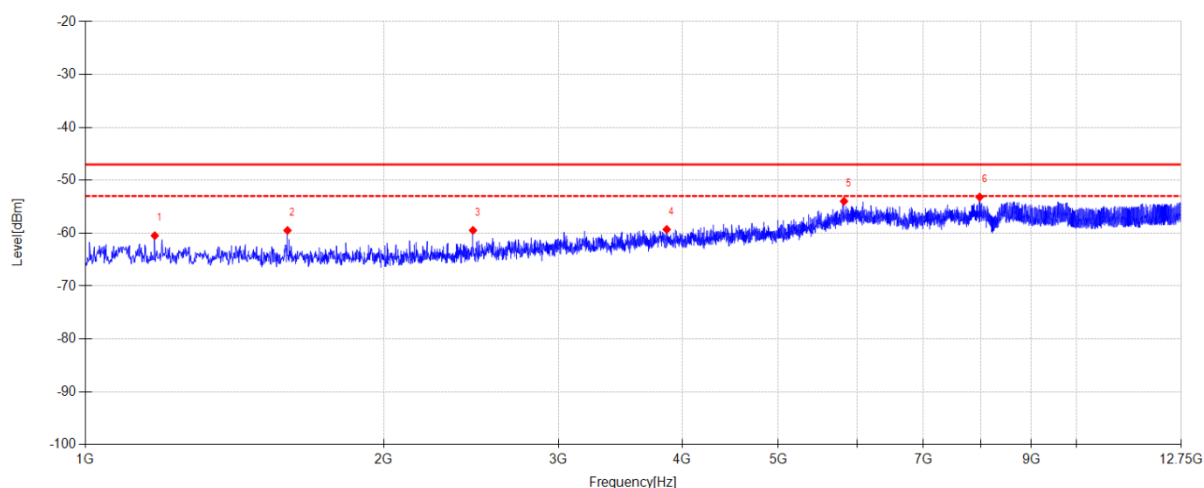
1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbin
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4
Test Mode: RX BLE1M 2480MHz Mode **Power Supply:** Battery
Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\30
Memo: Left Side Sample Number:S25103101-014

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1175.075	43.66	-104.13	-60.47	-47.00	13.47	RMS	Vertical	EIRP
2	1599.250	44.79	-104.28	-59.49	-47.00	12.49	RMS	Vertical	EIRP
3	2460.525	44.14	-103.61	-59.47	-47.00	12.47	RMS	Vertical	EIRP
4	3858.775	42.03	-101.33	-59.30	-47.00	12.30	RMS	Vertical	EIRP
5	5824.550	40.96	-94.92	-53.96	-47.00	6.96	RMS	Vertical	EIRP
6	7980.675	39.90	-93.07	-53.17	-47.00	6.17	RMS	Vertical	EIRP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

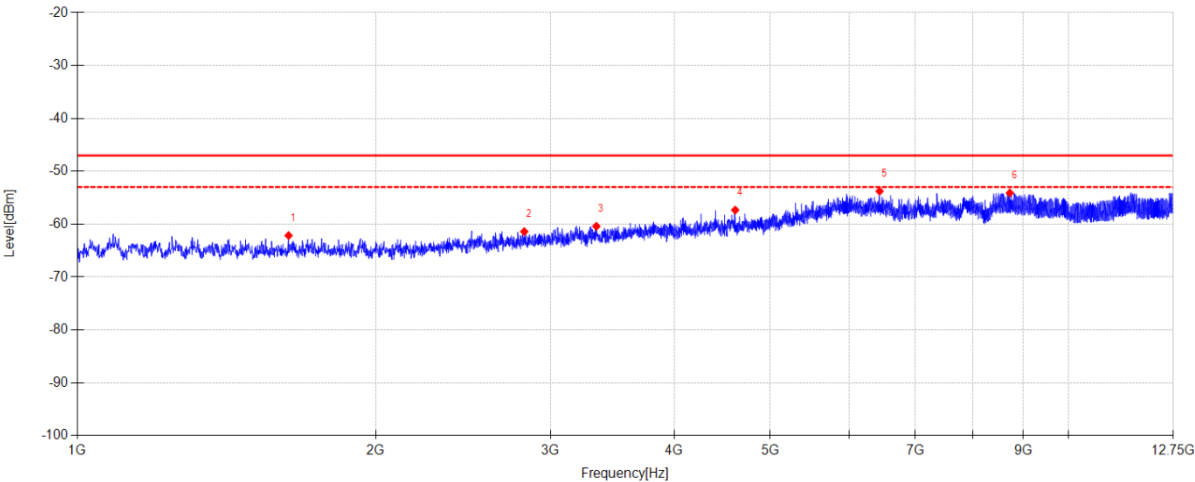
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\31

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1633.325	42.45	-104.60	-62.15	-47.00	15.15	RMS	Horizontal	EIRP
2	2823.600	41.64	-103.05	-61.41	-47.00	14.41	RMS	Horizontal	EIRP
3	3338.250	41.76	-102.16	-60.40	-47.00	13.40	RMS	Horizontal	EIRP
4	4608.425	42.09	-99.42	-57.33	-47.00	10.33	RMS	Horizontal	EIRP
5	6444.950	40.59	-94.36	-53.77	-47.00	6.77	RMS	Horizontal	EIRP
6	8722.100	36.62	-90.71	-54.09	-47.00	7.09	RMS	Horizontal	EIRP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbin

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

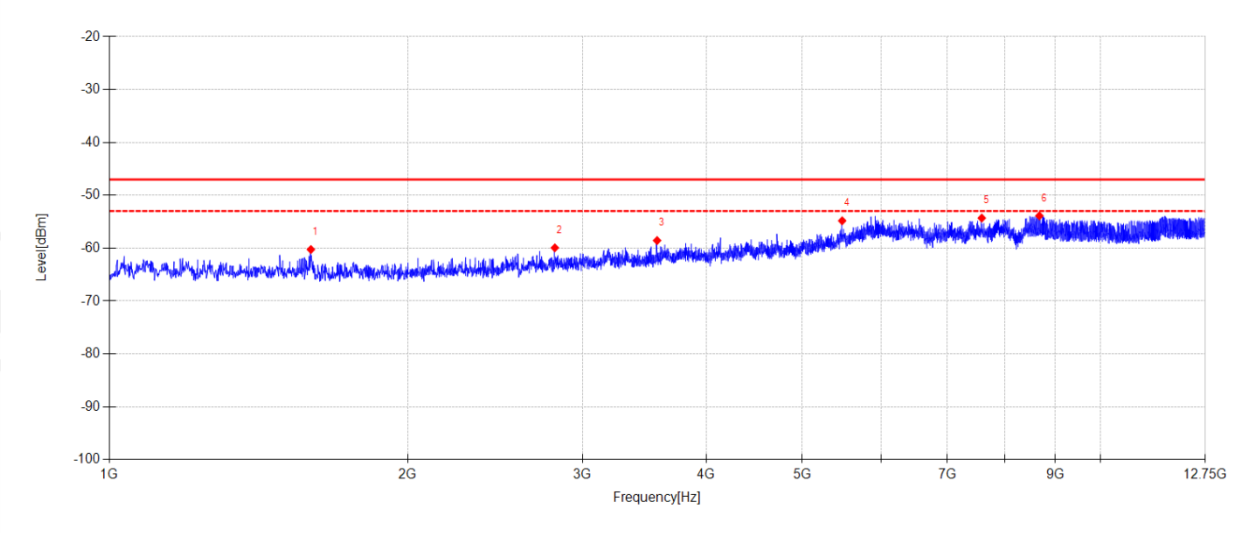
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\32

Memo:

Left Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1596.900	44.04	-104.29	-60.25	-47.00	13.25	RMS	Vertical	EIRP
2	2814.200	43.04	-102.97	-59.93	-47.00	12.93	RMS	Vertical	EIRP
3	3568.550	43.22	-101.78	-58.56	-47.00	11.56	RMS	Vertical	EIRP
4	5484.975	41.71	-96.53	-54.82	-47.00	7.82	RMS	Vertical	EIRP
5	7585.875	39.47	-93.77	-54.30	-47.00	7.30	RMS	Vertical	EIRP
6	8672.750	37.11	-90.99	-53.88	-47.00	6.88	RMS	Vertical	EIRP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbin

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

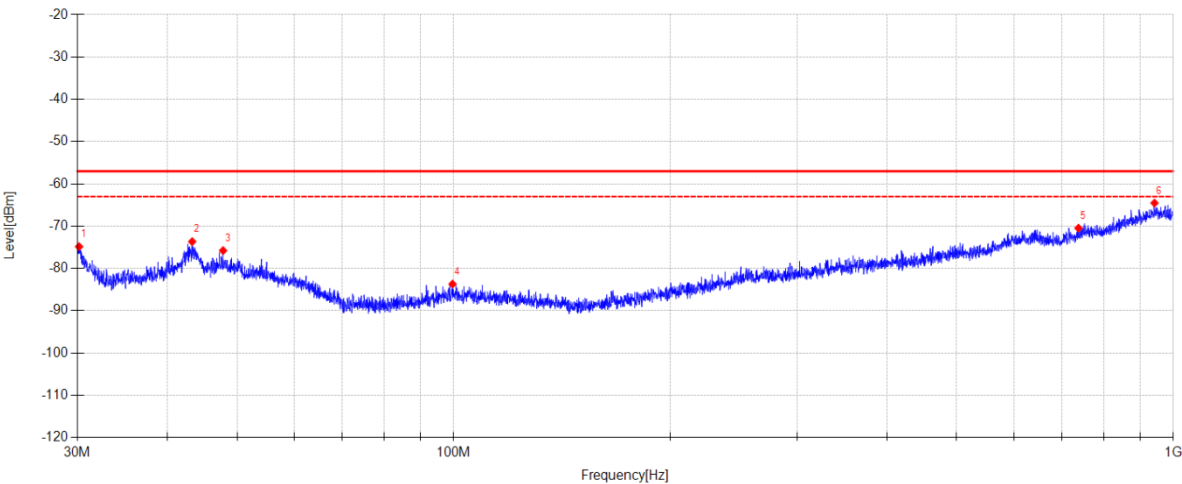
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\9

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.169	39.43	-114.27	-74.84	-57.00	17.84	PK	Horizontal	ERP
2	43.320	38.31	-111.97	-73.66	-57.00	16.66	PK	Horizontal	ERP
3	47.822	35.61	-111.39	-75.78	-57.00	18.78	PK	Horizontal	ERP
4	99.644	32.56	-116.25	-83.69	-57.00	26.69	PK	Horizontal	ERP
5	738.151	33.03	-103.50	-70.47	-57.00	13.47	PK	Horizontal	ERP
6	941.481	34.54	-99.07	-64.53	-57.00	7.53	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbín

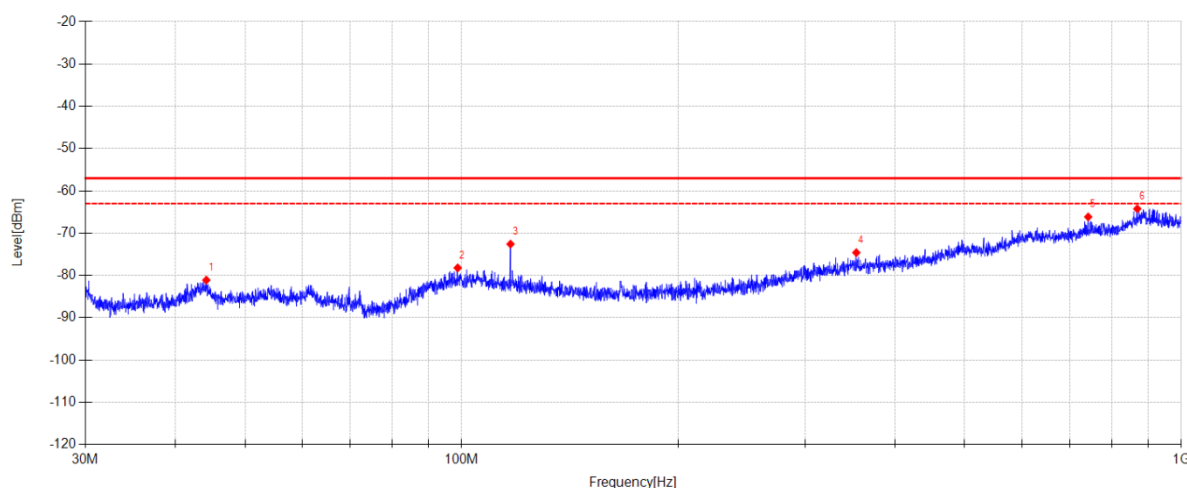
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4

Test Mode: RX BLE2M 2404MHz Mode **Power Supply:** Battery

Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\10

Memo: Right Side Sample Number:S25103101-014

**Suspected Data List**

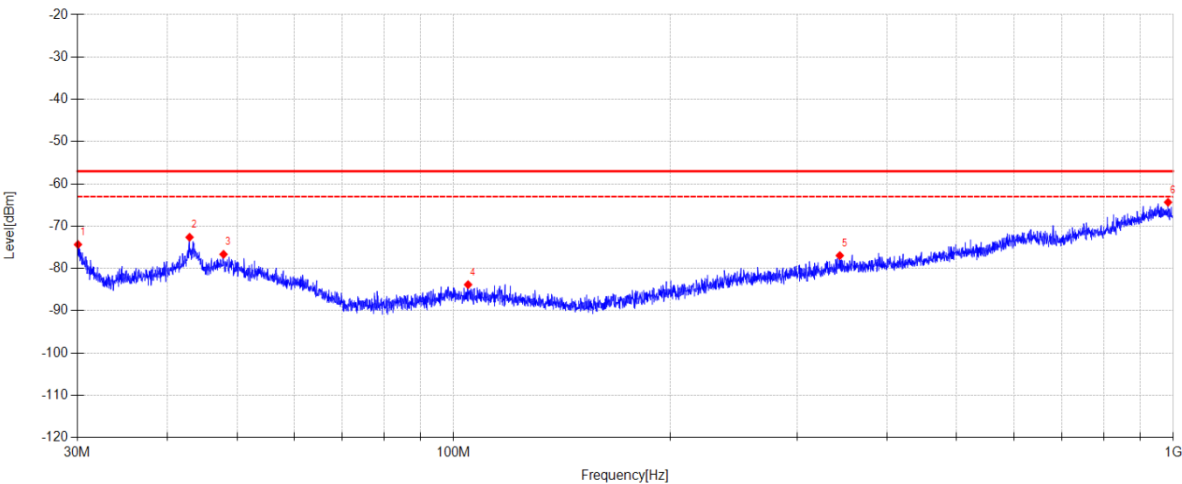
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	44.179	35.33	-116.43	-81.10	-57.00	24.10	PK	Vertical	ERP
2	98.740	33.24	-111.46	-78.22	-57.00	21.22	PK	Vertical	ERP
3	116.918	39.82	-112.41	-72.59	-57.00	15.59	PK	Vertical	ERP
4	353.512	33.60	-108.21	-74.61	-57.00	17.61	PK	Vertical	ERP
5	742.303	34.81	-100.96	-66.15	-57.00	9.15	PK	Vertical	ERP
6	868.545	34.28	-98.52	-64.24	-57.00	7.24	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 Tested By: Li Xiongbin
EUT: BLUETOOTH HEADSET Model Number: LIVE BEAM 4
Test Mode: RX BLE2M 2478MHz Mode Power Supply: Battery
Condition: Temp:22.3°C;Humi:54.4% Test Site: DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\11
Memo: Right Side Sample Number:S25103101-014



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.063	39.95	-114.29	-74.34	-57.00	17.34	PK	Horizontal	ERP
2	42.957	39.38	-112.01	-72.63	-57.00	15.63	PK	Horizontal	ERP
3	47.889	34.73	-111.39	-76.66	-57.00	19.66	PK	Horizontal	ERP
4	104.730	32.65	-116.48	-83.83	-57.00	26.83	PK	Horizontal	ERP
5	343.976	33.45	-110.41	-76.96	-57.00	19.96	PK	Horizontal	ERP
6	983.313	35.05	-99.40	-64.35	-57.00	7.35	PK	Horizontal	ERP

Note:
1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbin

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

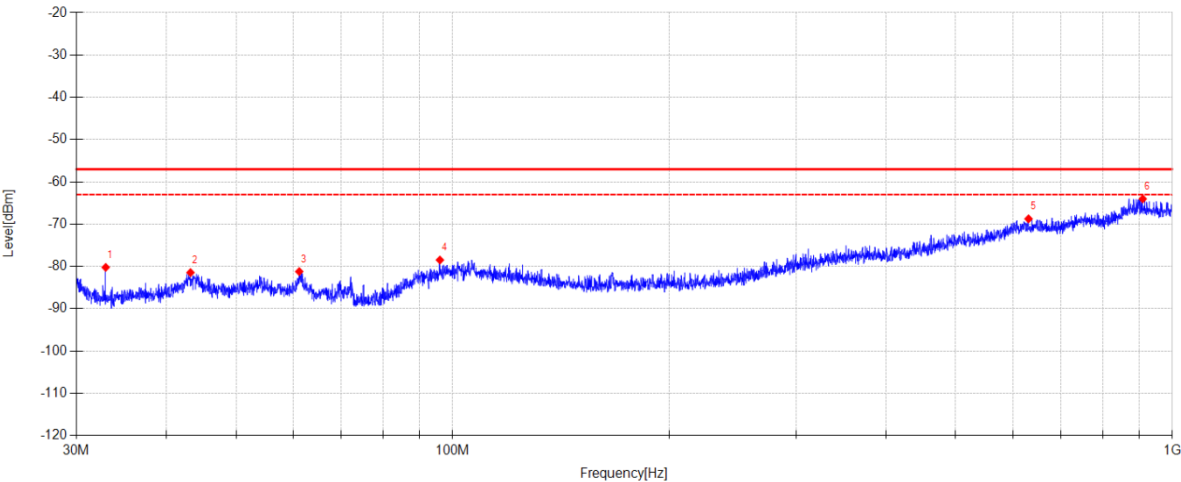
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\12

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	32.955	37.34	-117.55	-80.21	-57.00	23.21	PK	Vertical	ERP
2	43.229	35.07	-116.52	-81.45	-57.00	24.45	PK	Vertical	ERP
3	61.209	35.00	-116.20	-81.20	-57.00	24.20	PK	Vertical	ERP
4	96.009	33.48	-111.96	-78.48	-57.00	21.48	PK	Vertical	ERP
5	631.304	33.61	-102.35	-68.74	-57.00	11.74	PK	Vertical	ERP
6	909.684	32.62	-96.65	-64.03	-57.00	7.03	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbín

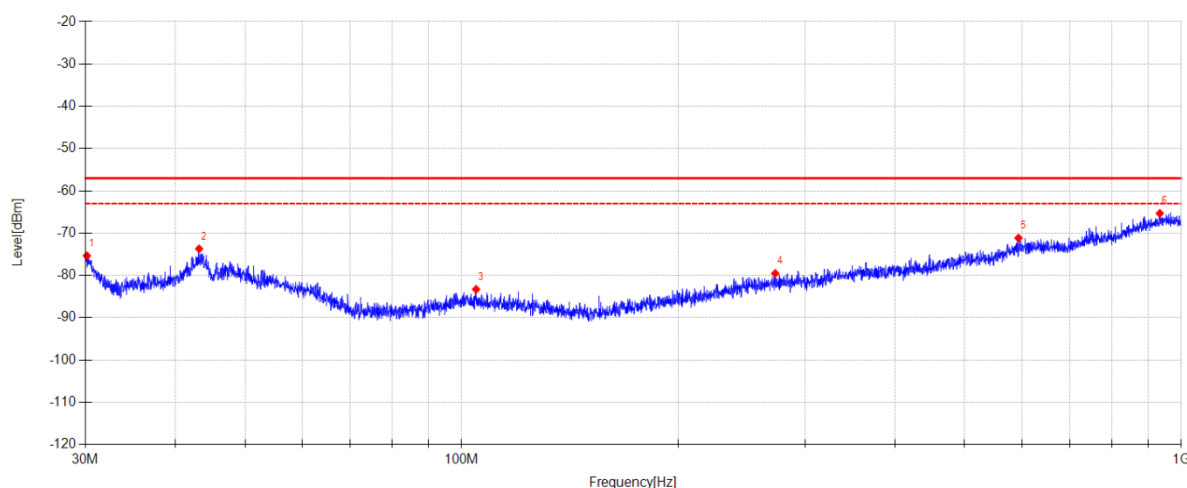
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4

Test Mode: RX BLE1M 2402MHz Mode **Power Supply:** Battery

Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\13

Memo: Right Side Sample Number:S25103101-014

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.148	38.92	-114.27	-75.35	-57.00	18.35	PK	Horizontal	ERP
2	43.168	38.28	-111.99	-73.71	-57.00	16.71	PK	Horizontal	ERP
3	104.730	33.20	-116.48	-83.28	-57.00	26.28	PK	Horizontal	ERP
4	272.731	32.81	-112.34	-79.53	-57.00	22.53	PK	Horizontal	ERP
5	593.944	33.96	-105.11	-71.15	-57.00	14.15	PK	Horizontal	ERP
6	933.593	33.97	-99.30	-65.33	-57.00	8.33	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

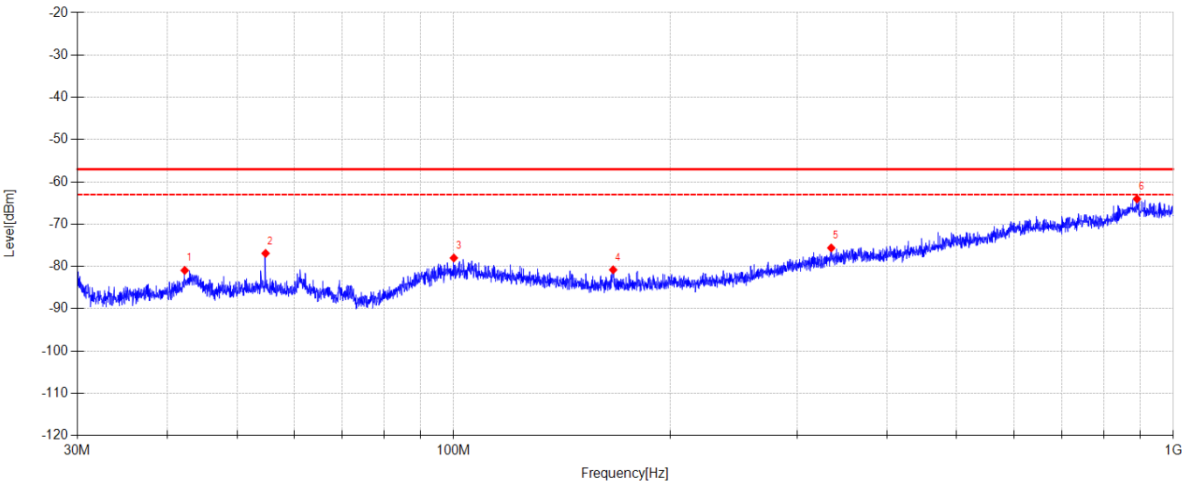
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\14

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	42.299	35.68	-116.61	-80.93	-57.00	23.93	PK	Vertical	ERP
2	54.790	38.97	-115.88	-76.91	-57.00	19.91	PK	Vertical	ERP
3	100.064	33.23	-111.22	-77.99	-57.00	20.99	PK	Vertical	ERP
4	166.594	33.90	-114.70	-80.80	-57.00	23.80	PK	Vertical	ERP
5	334.697	33.18	-108.80	-75.62	-57.00	18.62	PK	Vertical	ERP
6	890.124	33.12	-97.15	-64.03	-57.00	7.03	PK	Vertical	ERP

Note:

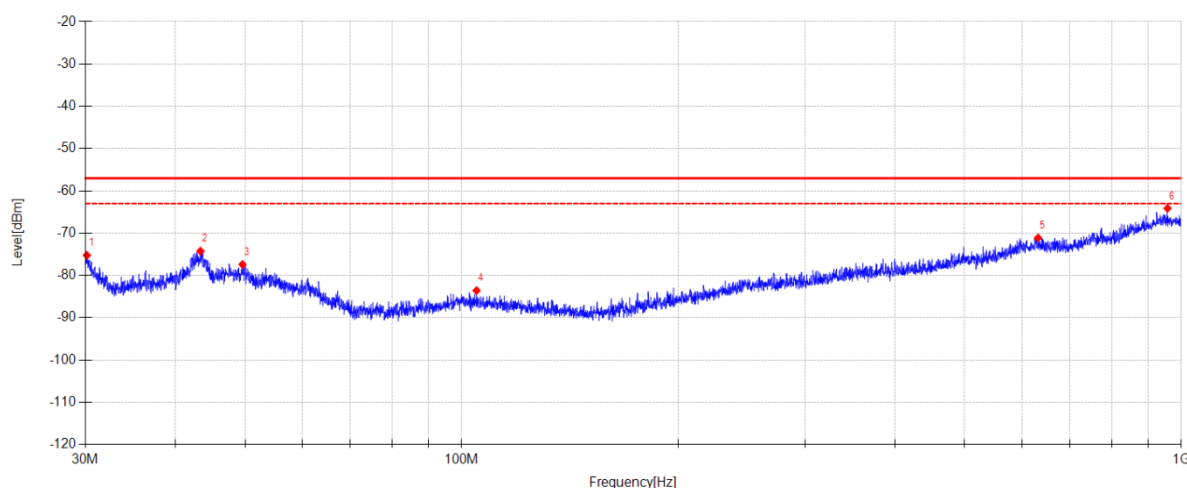
1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbin
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4
Test Mode: RX BLE1M 2480MHz Mode **Power Supply:** Battery
Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\15
Memo: Right Side Sample Number:S25103101-014



Suspected Data List

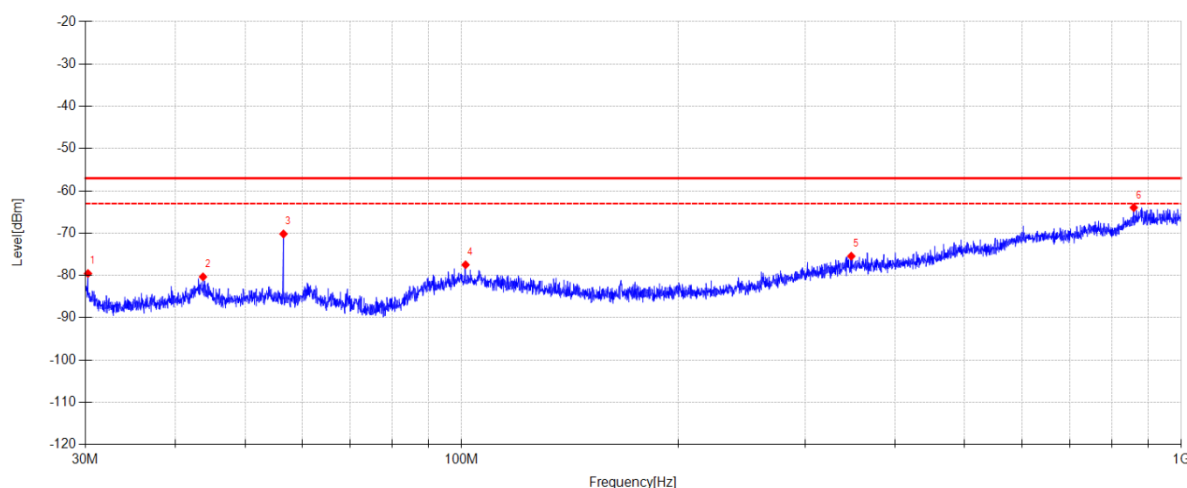
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.148	39.04	-114.27	-75.23	-57.00	18.23	PK	Horizontal	ERP
2	43.350	37.71	-111.96	-74.25	-57.00	17.25	PK	Horizontal	ERP
3	49.597	33.76	-111.17	-77.41	-57.00	20.41	PK	Horizontal	ERP
4	104.877	32.92	-116.49	-83.57	-57.00	26.57	PK	Horizontal	ERP
5	632.190	33.59	-104.71	-71.12	-57.00	14.12	PK	Horizontal	ERP
6	956.788	34.81	-98.94	-64.13	-57.00	7.13	PK	Horizontal	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbin
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4
Test Mode: RX BLE1M 2480MHz Mode **Power Supply:** Battery
Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Below 1G BLE\16
Memo: Right Side Sample Number:S25103101-014

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	30.253	38.30	-117.84	-79.54	-57.00	22.54	PK	Vertical	ERP
2	43.717	36.15	-116.48	-80.33	-57.00	23.33	PK	Vertical	ERP
3	56.546	45.68	-115.87	-70.19	-57.00	13.19	PK	Vertical	ERP
4	101.264	33.83	-111.31	-77.48	-57.00	20.48	PK	Vertical	ERP
5	347.857	32.88	-108.32	-75.44	-57.00	18.44	PK	Vertical	ERP
6	858.856	35.19	-99.14	-63.95	-57.00	6.95	PK	Vertical	ERP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 100 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:2025-11-12

Tested By:Li Xiongbín

EUT:BLUETOOTH HEADSET

Model Number:LIVE BEAM 4

Test Mode:RX BLE2M 2478MHz Mode

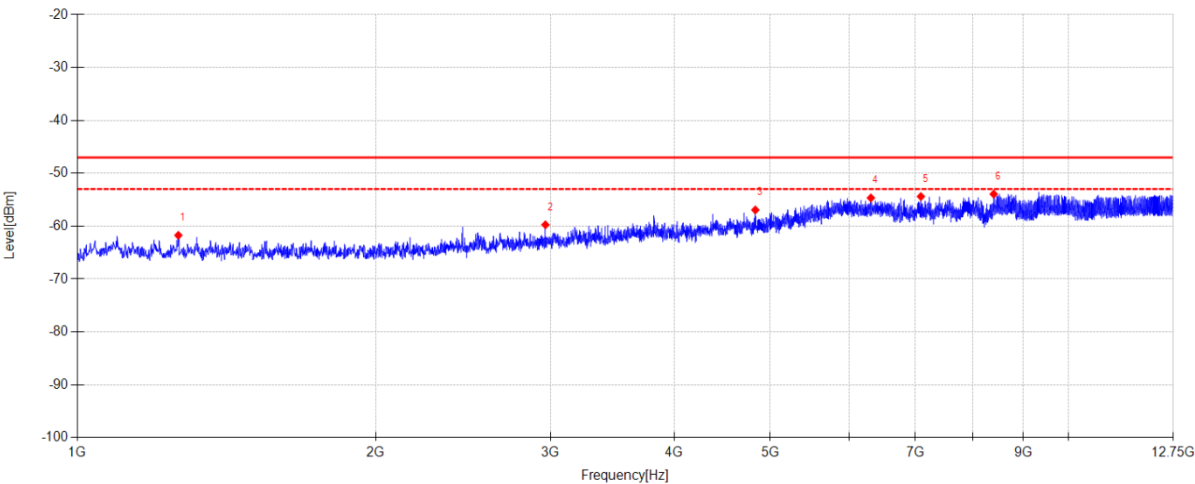
Power Supply:Battery

Condition:Temp:22.3°C;Humi:54.4%

Test Site:DDT 3# Chamber

File Path:d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\9

Memo:Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1264.375	42.78	-104.51	-61.73	-47.00	14.73	RMS	Horizontal	EIRP
2	2965.775	43.02	-102.76	-59.74	-47.00	12.74	RMS	Horizontal	EIRP
3	4829.325	41.87	-98.81	-56.94	-47.00	9.94	RMS	Horizontal	EIRP
4	6315.700	39.63	-94.29	-54.66	-47.00	7.66	RMS	Horizontal	EIRP
5	7093.550	40.19	-94.58	-54.39	-47.00	7.39	RMS	Horizontal	EIRP
6	8401.325	38.00	-91.93	-53.93	-47.00	6.93	RMS	Horizontal	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE2M 2478MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

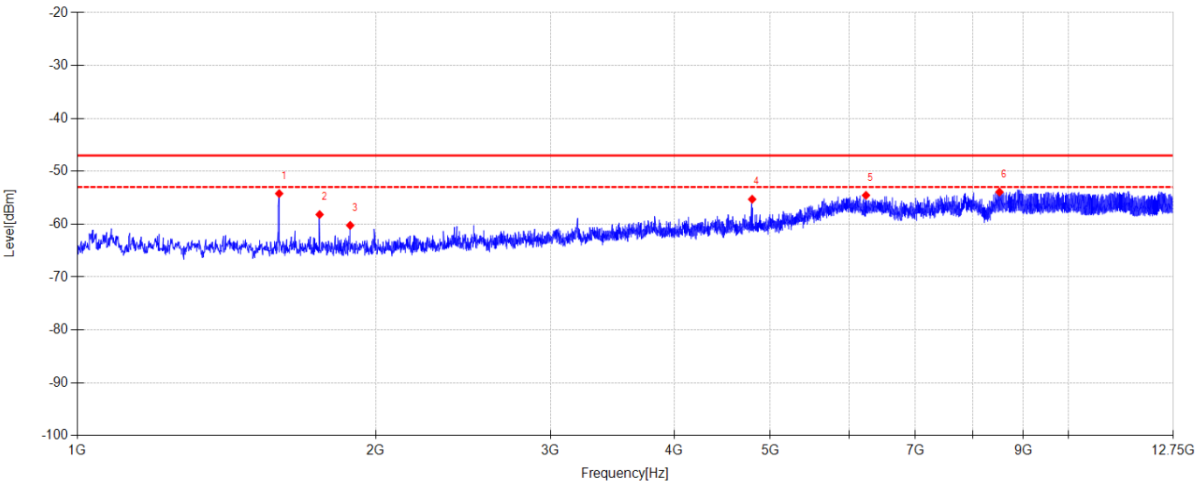
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\10

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1598.075	50.08	-104.29	-54.21	-47.00	7.21	RMS	Vertical	EIRP
2	1755.525	46.16	-104.34	-58.18	-47.00	11.18	RMS	Vertical	EIRP
3	1884.775	44.16	-104.39	-60.23	-47.00	13.23	RMS	Vertical	EIRP
4	4794.075	44.02	-99.31	-55.29	-47.00	8.29	RMS	Vertical	EIRP
5	6244.025	39.72	-94.26	-54.54	-47.00	7.54	RMS	Vertical	EIRP
6	8514.125	37.55	-91.47	-53.92	-47.00	6.92	RMS	Vertical	EIRP

Note:

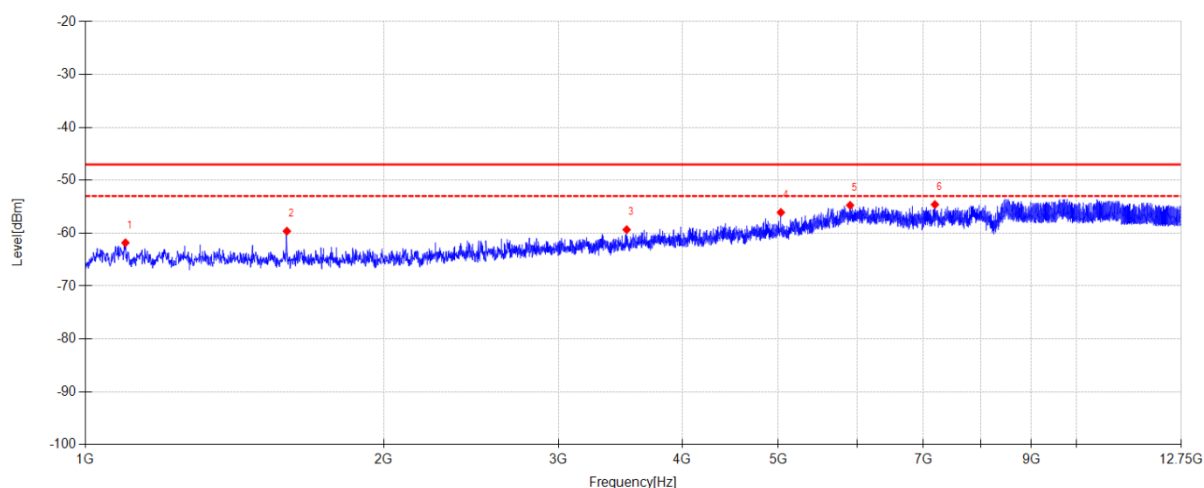
1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 **Tested By:** Li Xiongbin
EUT: BLUETOOTH HEADSET **Model Number:** LIVE BEAM 4
Test Mode: RX BLE2M 2404MHz Mode **Power Supply:** Battery
Condition: Temp:22.3°C;Humi:54.4% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\11
Memo: Right Side Sample Number:S25103101-014

**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1097.525	42.65	-104.47	-61.82	-47.00	14.82	RMS	Horizontal	EIRP
2	1596.900	44.97	-104.59	-59.62	-47.00	12.62	RMS	Horizontal	EIRP
3	3515.675	42.53	-101.87	-59.34	-47.00	12.34	RMS	Horizontal	EIRP
4	5030.250	42.13	-98.21	-56.08	-47.00	9.08	RMS	Horizontal	EIRP
5	5907.975	39.77	-94.50	-54.73	-47.00	7.73	RMS	Horizontal	EIRP
6	7193.425	39.86	-94.45	-54.59	-47.00	7.59	RMS	Horizontal	EIRP

Note:

1. Level = Reading + Factor.
2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE2M 2404MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

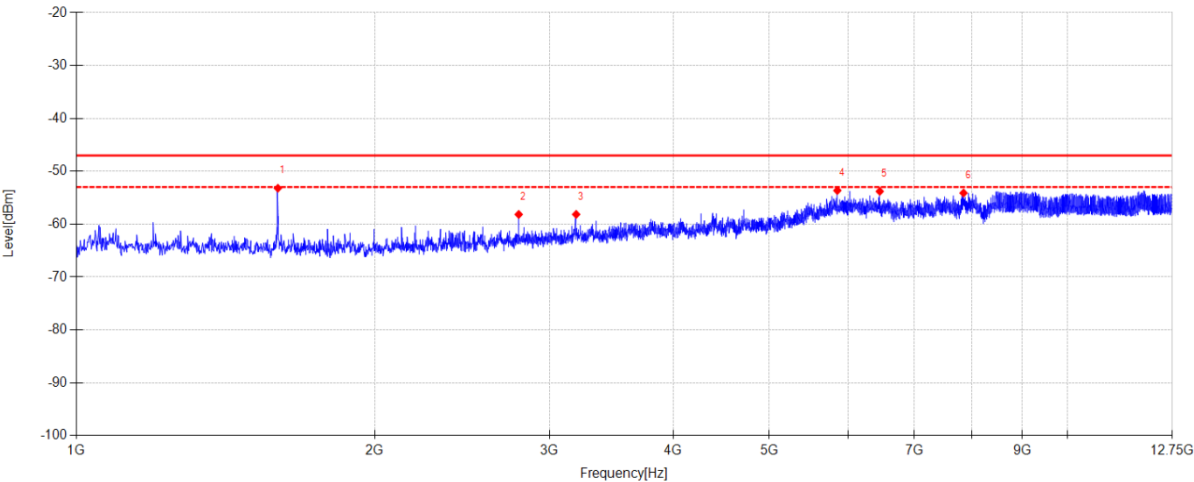
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\12

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1596.900	51.09	-104.29	-53.20	-47.00	6.20	RMS	Vertical	EIRP
2	2794.225	44.83	-102.99	-58.16	-47.00	11.16	RMS	Vertical	EIRP
3	3192.550	44.19	-102.34	-58.15	-47.00	11.15	RMS	Vertical	EIRP
4	5856.275	41.13	-94.76	-53.63	-47.00	6.63	RMS	Vertical	EIRP
5	6462.575	40.63	-94.43	-53.80	-47.00	6.80	RMS	Vertical	EIRP
6	7850.250	39.18	-93.29	-54.11	-47.00	7.11	RMS	Vertical	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

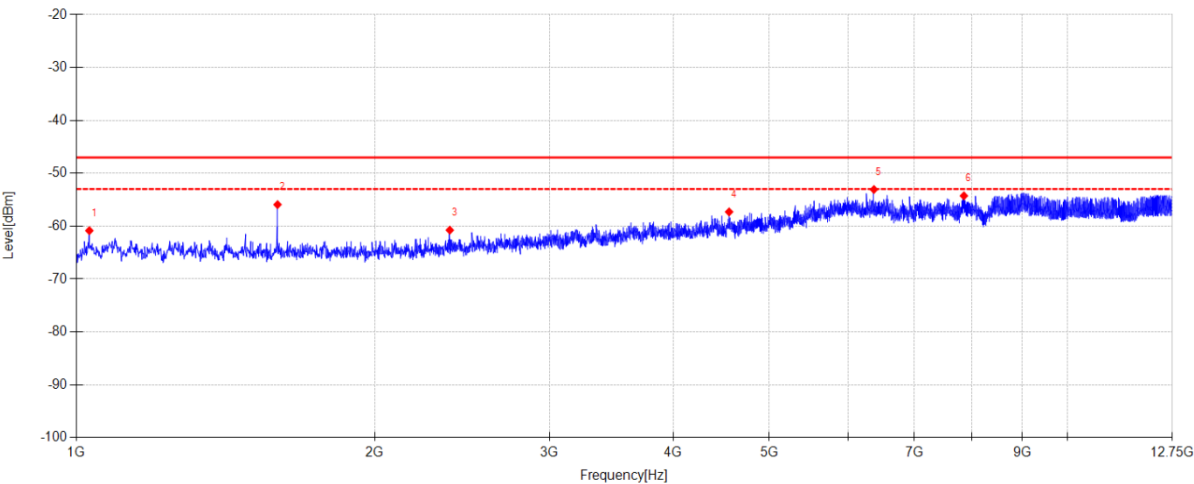
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\13

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1030.550	43.59	-104.44	-60.85	-47.00	13.85	RMS	Horizontal	EIRP
2	1595.725	48.67	-104.59	-55.92	-47.00	8.92	RMS	Horizontal	EIRP
3	2380.625	43.19	-103.94	-60.75	-47.00	13.75	RMS	Horizontal	EIRP
4	4554.375	42.27	-99.57	-57.30	-47.00	10.30	RMS	Horizontal	EIRP
5	6375.625	41.27	-94.33	-53.06	-47.00	6.06	RMS	Horizontal	EIRP
6	7857.300	39.35	-93.61	-54.26	-47.00	7.26	RMS	Horizontal	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE1M 2402MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

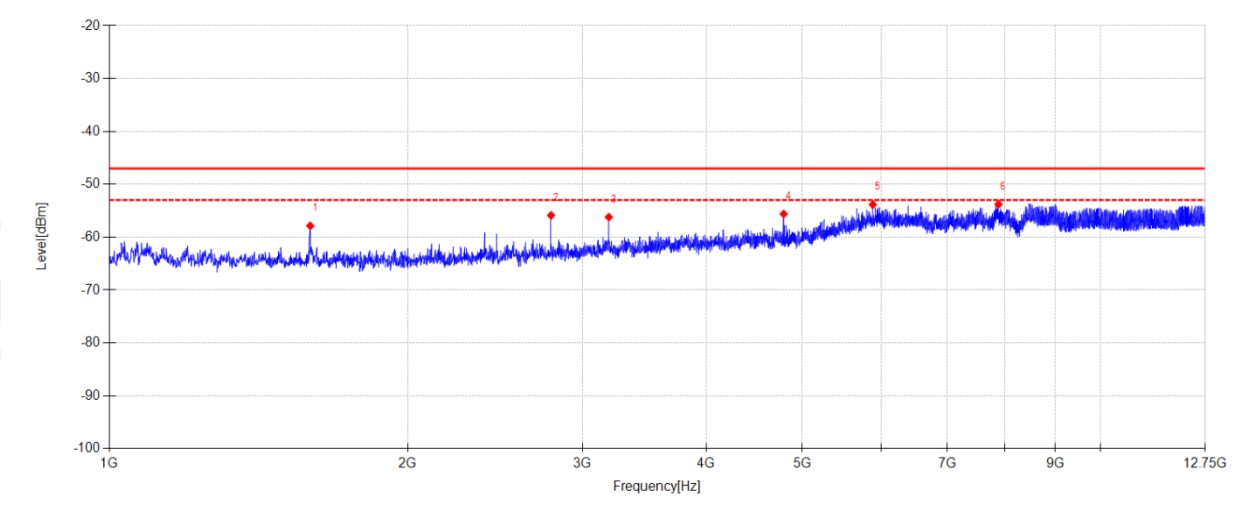
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\14

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1594.550	46.43	-104.29	-57.86	-47.00	10.86	RMS	Vertical	EIRP
2	2789.525	47.13	-103.01	-55.88	-47.00	8.88	RMS	Vertical	EIRP
3	3190.200	46.15	-102.35	-56.20	-47.00	9.20	RMS	Vertical	EIRP
4	4788.200	43.71	-99.32	-55.61	-47.00	8.61	RMS	Vertical	EIRP
5	5890.350	40.76	-94.60	-53.84	-47.00	6.84	RMS	Vertical	EIRP
6	7886.675	39.44	-93.23	-53.79	-47.00	6.79	RMS	Vertical	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date:

2025-11-12

Tested By:

Li Xiongbín

EUT:

BLUETOOTH HEADSET

Model Number:

LIVE BEAM 4

Test Mode:

RX BLE1M 2480MHz Mode

Power Supply:

Battery

Condition:

Temp:22.3°C;Humi:54.4%

Test Site:

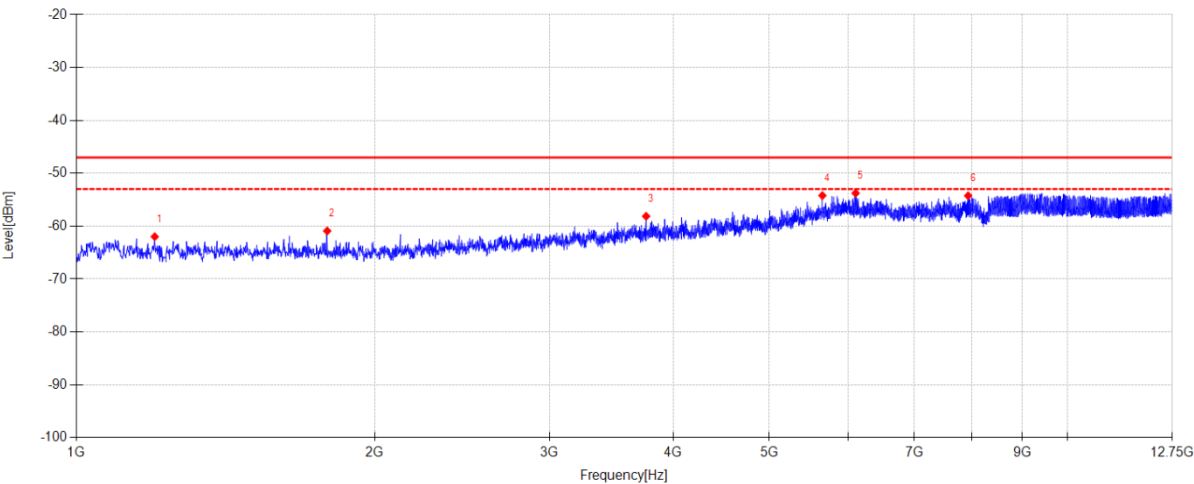
DDT 3# Chamber

File Path:

d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\15

Memo:

Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1199.750	42.50	-104.49	-61.99	-47.00	14.99	RMS	Horizontal	EIRP
2	1790.775	43.73	-104.64	-60.91	-47.00	13.91	RMS	Horizontal	EIRP
3	3756.550	43.35	-101.48	-58.13	-47.00	11.13	RMS	Horizontal	EIRP
4	5656.525	41.36	-95.57	-54.21	-47.00	7.21	RMS	Horizontal	EIRP
5	6110.075	40.41	-94.17	-53.76	-47.00	6.76	RMS	Horizontal	EIRP
6	7934.850	39.28	-93.52	-54.24	-47.00	7.24	RMS	Horizontal	EIRP

Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2025-11-12 Tested By: Li Xiongbin

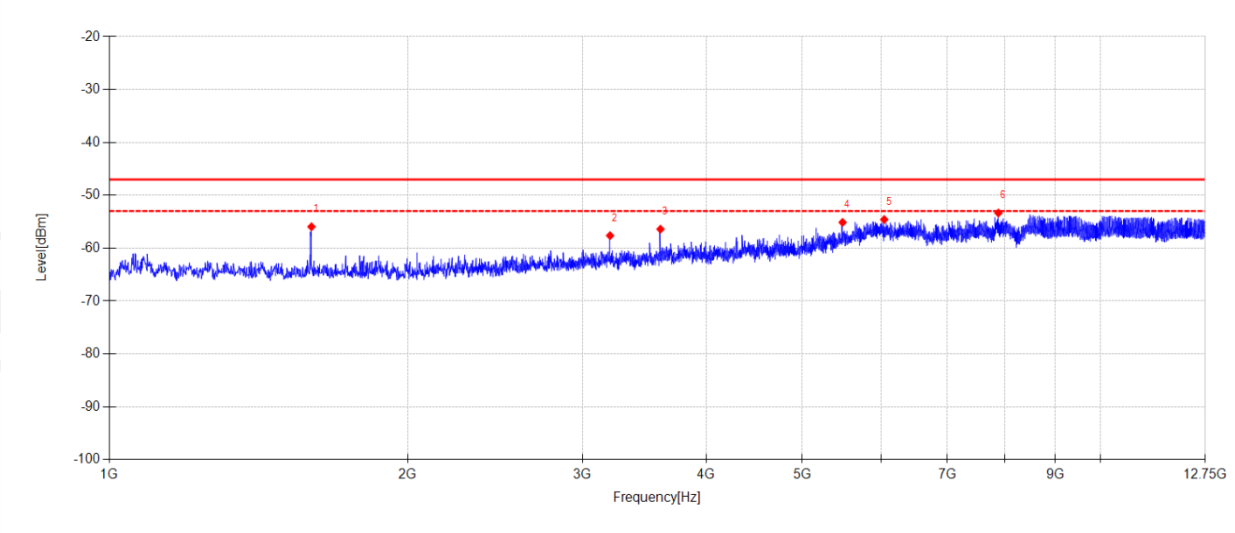
EUT: BLUETOOTH HEADSET Model Number: LIVE BEAM 4

Test Mode: RX BLE1M 2480MHz Mode Power Supply: Battery

Condition: Temp:22.3°C;Humi:54.4% Test Site: DDT 3# Chamber

File Path: d:\ts\2025 report date\Q25103101-4E\CE Above 1G BLE\16

Memo: Right Side Sample Number:S25103101-014



Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Detector	Polarity	Type
1	1599.250	48.33	-104.28	-55.95	-47.00	8.95	RMS	Vertical	EIRP
2	3199.600	44.69	-102.32	-57.63	-47.00	10.63	RMS	Vertical	EIRP
3	3596.750	45.32	-101.73	-56.41	-47.00	9.41	RMS	Vertical	EIRP
4	5490.850	41.38	-96.50	-55.12	-47.00	8.12	RMS	Vertical	EIRP
5	6047.800	39.53	-94.11	-54.58	-47.00	7.58	RMS	Vertical	EIRP
6	7884.325	39.90	-93.24	-53.34	-47.00	6.34	RMS	Vertical	EIRP

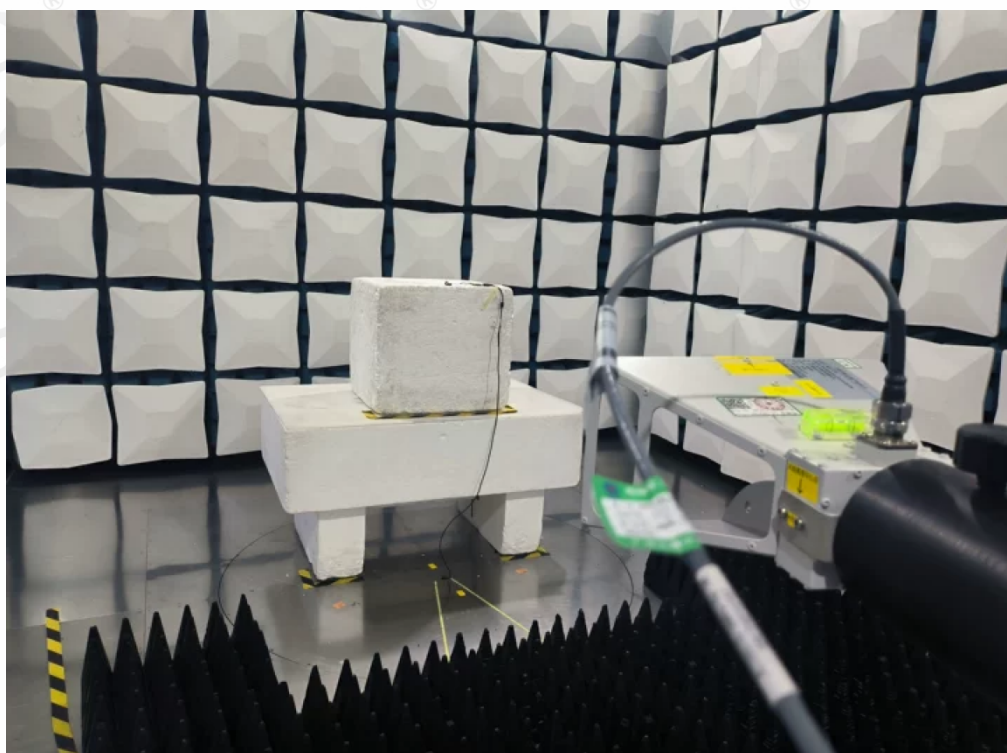
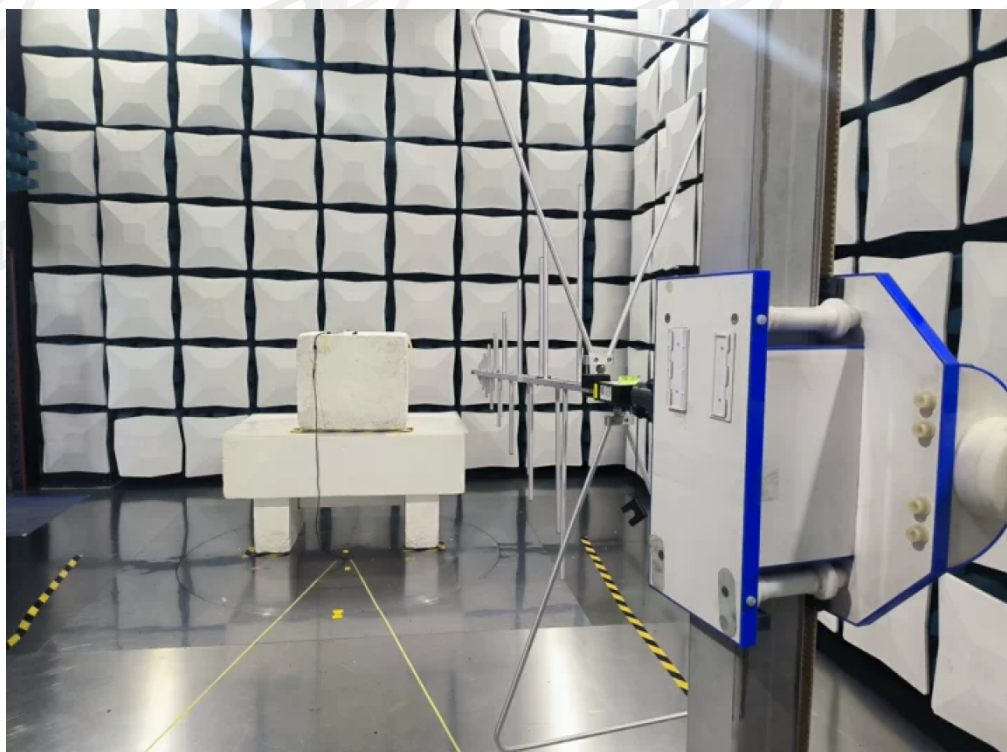
Note:

1. Level = Reading + Factor.

2. Factor = Antenna Factor + Cable Loss + Filter Factor - Preamp Gain + Site Loss Factor - 107.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

11. Test Setup Photograph





12. Photos of the EUT

Please refer to DDT-Q25103101-2E appendix I

-----End Report-----